# IN RE: PACIFIC ENERGY & MINING COMPANY

Docket No. 18-2602-01

## **HEARING**

December 19, 2019

#### **ADVANCED REPORTING SOLUTIONS**

801-746-5080 | office@advancedrep.com | advancedrep.com SALT LAKE | 159 West Broadway, Broadway Lofts, Suite 100 | Salt Lake City, Utah 84101 PROVO | 3507 North University Avenue, Suite 350-D | Provo, Utah 84604 ST. GEORGE | 20 North Main Street, Suite 301 | St. George, Utah 84770



### Hearing December 19, 2019

	December 13, 2013
1	BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH
2	00000
3	)
4	)
5	)Docket No. 18-2602-01
	In Re: PACIFIC ENERGY & )Presiding Officer: MINING COMPANY )Michael Hammer )
9	)
10	HEARING
11	
12	Taken on Thursday, December 19, 2019
13	at 9:00 A.M.
14	
15	At Public Service Commission of Utah
16	160 East 300 South
17	4th Floor
18	Salt Lake City, Utah 84111
19	
20	
21	
22	
23	Reported by: Kellie Peterson, RPR, CSR
24	
25	

APPEARANCES
FOR THE DIVISION: Patricia E. Schmid, Esq.  UTAH ATTORNEY GENERAL'S OFFICE
DIVISION OF PUBLIC UTILITIES 160 East 300 South
Fifth Floor Salt Lake City, UT 84114
Telephone: (801)366-0380 pschmid@agutah.gov
FOR THE CHAPTER 7 Jeffrey L. Trousdale, Esq. TRUSTEE: COHNE KINGHORN
111 East Broadway Eleventh Floor
Salt Lake City, UT 84111 Telephone (801)363-4300 jtrousdale@cklaw.com
FOR THE BOARD OF OIL, Michael Begley, Esq.
GAS AND MINING: UTAH ATTORNEY GENERAL'S OFFICE NATURAL RESOURCES DIVISION
1594 West North Temple Suite 300
Salt Lake City, UT 84116 Telephone: (801)366-0260 mbegley@agutah.gov
mbegrey@agucan.gov
ALSO PRESENT: Terry R. Spencer, Esq. SPENCER & JENSEN
140 West 9000 South Suite 9
Sandy, UT 84070 Telephone: (801)566-1884
terry@spencerandjensen.com

			. age e
1		INDEX	
2	WITNESS	EXAMINATION BY	PAGE NO.
3	JIMMY B	ETHAM	
4		ect Examination by Ms. Schmid ss-Examination by Mr. Begley	13 38
5	Cro	ss-Examination by Mr. Trousdale ther Direct Examination by Ms. Schmid	43
6	I di	ener birece braminacion by his. Bermita	± /
7			
8			
9		EXHIBITS	
10	Ex. No.	Description	Page No.
11	1	Division's Response to Commission's Action Request, 3/26/19	15
12	3	PEMC PHMSA Operator Registry Notification	16
14	6	Status Update from the Division	17
15	10	Division's Responding Report to 6/14/10 Order by the Commission	17
16 17	13	Dead Horse OPID Assignment Request	18
18	14	Certificate of Service for Paradox	19
19	17	Comments from the Division	20
20	23	Dead Horse Intrastate Transmission Pipeline, 10/18/19	27
21	24	Dead Horse Intrastate Transmission	38
22		Pipeline, 12/13/19	
23			
24			
25			

1	December 19, 2019 9:00 A.M.
2	PROCEEDINGS
3	PRESIDING OFFICER HAMMER: Good morning.
4	Let's go on the record, please. This is the time and
5	place noticed for hearing in the matter of Pacific Energy
6	& Mining Company, Commission Docket No. 18-2602-01.
7	My name is Michael Hammer. I'm the
8	Commission's designated presiding officer. Let's go
9	ahead and take appearances, please.
10	MS. SCHMID: Patricia E. Schmid, with the
11	Utah Attorney General's Office for the Division of Public
12	Utilities.
13	MR. TROUSDALE: Jeffrey Trousdale. I
14	represent George Hofmann, the Chapter 7 Trustee for the
15	bankruptcy estate for Pacific Energy & Mining Company.
16	PRESIDING OFFICER HAMMER: Are there any
17	other parties present? Has anyone yes, sir?
18	MR. BEGLEY: Sorry, we filed late yesterday.
19	Board counsel, assistant attorney general for Board of
20	Oil, Gas and Mining.
21	PRESIDING OFFICER HAMMER: Your name one more
22	time, sir?
23	MR. BEGLEY: Mike Begley.
24	PRESIDING OFFICER HAMMER: Mr. Begley, you
25	have not been granted an intervention, so I note your

appearance in the room. 1 2 Do you intend to participate in the 3 proceeding? You can come to counsel table and I'll hear 4 your motion to intervene, if that's your preference. 5 MR. BEGLEY: That is our preference. 6 would like to move to intervene. PRESIDING OFFICER HAMMER: Well, why don't 7 you go ahead and come to counsel table, and we will hear 8 9 from the other parties. 10 I will allow you to speak first, Mr. Begley. 11 MR. BEGLEY: Thank you, Mr. Hammer. I know 12 these are sensitive, so I hope I'm not shouting. Our 13 apologies for the late filing yesterday. We filed a 14 motion to intervene. 15 Again, I'm representing the Board of Oil, Gas 16 and Mining in this dispute. Although, the Division of 17 Oil, Gas and Mining counsel is here as well, the board is 18 the entity or agency that filed yesterday, and the reason 19 of which was that this matter involving Wesco, which is, 20 I believe, a gas producer around the area of this 21 pipeline. 22 In fact, I believe they have 18 wells that 23 are going into the gas -- a gas plant around Moab. 24 on December 11, I believe in the regular scheduled board 25 hearing, the Wesco matter was brought to the board's

attention. And with respect to the issue at hand, their 1 2 gas plant was -- and Wesco moved for relief for the board 3 to actually allow flaring of gas, which is statutorily 4 defined or, at least with respect to the board's 5 perspective, a waste of a natural -- a vital natural 6 resource. And in following up after the board hearing, 7 we've come to understand that there is quite the 8 9 complexity involving the pipeline at issue. I've had, at 10 least, one conference call with -- forgive me, with 11 Patricia, trying to get the background of the dispute. 12 And so the board wants to, at least, 13 intervene for the purpose of seeing whether or not there 14 is -- at least for the hearing officer and for the Public Service Commission, to understand and appreciate the 15 16 difficult situation the board is in, when the pipeline 17 may be decommissioned, or at least that's the relief, I believe, that's being requested. 18 19 And that the board would want to be able to 20 be on the record to be able to say a couple of different things. One is that the board is not in the situation 21 22 that -- their statutory mandate is that they cannot allow 23 waste to occur or flaring for only -- excuse me, for very 24 limited, temporary, emergency-type situations. 25 And the facts as we know them seem to

indicate that either a bankruptcy proceeding or ownership 1 2 issues or issues regarding the safety of a pipeline all 3 would create a situation and scenario where it would be 4 untenable for the board to then allow flaring to 5 perpetuity. 6 So the board would like to intervene and make sure that everybody, at least, understands the factual 7 context regarding the situation, regarding the pipeline 8 and other players and other state agencies within Utah. 9 10 And that's the principal reason we're here.

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

- And also to -- secondarily, there has been litigation involving boards being sued for flaring by various other groups. This particular gas plant is right adjacent to our -- close in proximity to the town of Moab, and so we're also here to protect the interests of the Board of Oil, Gas and Mining to the extent there is any exposure going forward for a decommission pipeline that has no clear answer in terms of when gas will be flowing again.
- PRESIDING OFFICER HAMMER: All right. I have some questions for you, but before we do that, I would like to hear from the other parties, just on the matter of intervention and whether there is any objection to Mr. Begley's participation today. Ms. Schmid?

MS. SCHMID: The Division has no objection to

1	the intervention and his participation today but requests
2	that the Division be able to make a statement concerning
3	the points that he has raised in his statements so far
4	this morning as some point.
5	PRESIDING OFFICER HAMMER: I'll allow you to
6	do that. Let me hear from Mr. Trousdale.
7	MR. TROUSDALE: No objection.
8	PRESIDING OFFICER HAMMER: All right. I
9	suppose we will go back to you, Ms. Schmid. Go ahead
10	make your statement.
11	MS. SCHMID: Thank you. The Division of
12	Public Utilities is concerned about public safety. The
13	Division of Public Utilities is also concerned about
14	waste, the effect on the environment, the effect on
15	taxes, royalties and impacts on local communities.
16	However paramount, in our minds, is the
17	public safety, and it is because of that, that we are
18	requesting the Commission order deactivation and a
19	penalty assessed today. Thank you.
20	PRESIDING OFFICER HAMMER: Mr. Trousdale, do
21	you have anything you would like to say?
22	MR. TROUSDALE: I believe my role here is
23	relatively limited, to be frank.
24	PRESIDING OFFICER HAMMER: Understood.
25	I suppose my question for you, Mr. Begley,

1 then, forgive me, I'm not terribly familiar with the 2 Board of Oil, Gas and Mining, the company you refer to 3 that is engaged in -- is it oil drilling? Wesco, is that 4 the name of the company? MR. BEGLEY: Yes, Mr. Hammer. Wesco is the 5 entity that is before the board in various different 6 matters, but they are apparently the operator and/or 7 8 owner of the gas plant. PRESIDING OFFICER HAMMER: And the concern is 9 10 that if Wesco continues to conduct its primarily oil 11 drilling operations and the pipeline is unavailable, that 12 flaring will be necessary? 13 MR. BEGLEY: Correct. Actually, the board 14 did, on December 12, issue a 30-day order, temporary order, allowing for flaring at this time. 15 16 PRESIDING OFFICER HAMMER: Does the board 17 have authority to order Wesco to cease operations if the pipeline is unavailable? 18 19 Unfortunately, I think the MR. BEGLEY: 20 testimony, particularly in this area, geologically, is 21 that there -- at least from Wesco's perspective, that the 22 shut-in or choking back, the couple of different 23 alternatives to flaring, would actually cause damage to 24 the reservoir. 25 And the testimony before the board is that

shutting in or choking back, as those alternatives are 1 2 not available at the present time with respect to this. 3 So flaring was the only alternative. 4 0. Well, I suppose we'll need to develop Okay. that factual record much more elaborately than probably 5 is appropriate at this juncture, but I think that will be 6 the question as we weigh the competing interests of this, 7 essentially, public safety issue versus your, obviously, 8 9 legitimate concerns. 10 I'm a bit concerned that none of the pipeline 11 parties are present today. 12 Does anyone know why? Was anyone provided 13 any notice of their intention to participate? 14 MR. SPENCER: My name is Terry Spencer. I'm 15 counsel for PEMC. I was informed by the bankruptcy 16 trustee that I'm not permitted to participate in the 17 hearing, but I'm here. 18 PRESIDING OFFICER HAMMER: Thank you, 19 Mr. Spencer. 20 What about Dead Horse? Is there a --MR. CHRISTENSEN: I'm Alden Christensen. 21 I'm 22 the operator of Dead Horse Oil, LLC. 23 PRESIDING OFFICER HAMMER: Did you have an 24 intention to participate in the hearing, Mr. Christensen? 25 MR. CHRISTENSEN: No.

```
1
                             And if I may, JMD Resources
                MS. SCHMID:
 2
    previously indicated it would participate in the hearing,
 3
    but I do not see its registered agent or others
 4
    associated in the hearing room today.
 5
                PRESIDING OFFICER HAMMER: All right.
                                                        Ιf
 6
    I --
 7
                                If I may as well, I want to
                MR. TROUSDALE:
    make it clear on the record the PEMC is the debtor in a
 8
 9
    Chapter 7 bankruptcy. The trustee controls that debtor.
10
                Mr. Spencer can appear on behalf of other
11
    entities.
               I mean, there is no restriction for that.
12
    However, with respect to the entity that is in
13
    bankruptcy, only the trustee is authorized to take action
14
    on its behalf.
15
                PRESIDING OFFICER HAMMER: Understood,
16
    Mr. Trousdale.
17
                Let me ask, do you know, with respect to the
    pipeline at issue in this proceeding, who currently owns
18
19
    it?
20
                MR. TROUSDALE: We are investigating that but
21
    we don't know. There is nothing I have seen that clearly
22
    establishes that PEMC owns it. I've received information
23
    that suggests that JND Enterprises and -- or James
    Resources, Inc., and Entrata, LLC, co-own the pipeline.
24
25
    I've seen information contrary to that, but it is all
```

1 sort of up in the air. 2 There are statutory powers available to a 3 Chapter 7 trustee to undo certain transactions, to look 4 back into the history of the debtor and see what happened, and that is what we are looking at. 5 However, there is nothing conclusive at this time. 6 PRESIDING OFFICER HAMMER: All right. 7 Well, of the parties who are present in this room, I believe 8 9 the Division of Public Utilities is the only one that 10 has -- that is prepared to participate and complied with 11 the scheduling order and provided a list of issues to be 12 addressed at the hearing today. 13 So unless there are any other preliminary 14 matters, Ms. Schmid, I will allow you to call your first 15 witness. 16 Mr. Hammer, sorry to interrupt, MR. BEGLEY: just for the record, is the motion for the Board of Oil, 17 Gas and Mining granted to participate? 18 19 PRESIDING OFFICER HAMMER: Yes. And I'm 20 sorry for not stating that earlier. 21 Thank you. MR. BEGLEY: 22 The Division would like to call MS. SCHMID: 23 Mr. Jimmy Betham as its witness. 24 Could he please be sworn and called to the witness stand? 25

1	PRESIDING OFFICER HAMMER: Yes. Mr. Betham,
2	please approach.
3	DIRECT EXAMINATION
4	JIMMY BETHAM,
5	called as a witness, having been first duly sworn,
6	was examined and testified as follows:
7	BY MS. SCHMID:
8	Q. Good morning.
9	A. Good morning.
10	Q. I have a few preliminary questions. By whom
11	are you employed, what is your title and what is your
12	business address?
13	A. I'm employed by the Division of Public
14	Utilities, pipeline safety sector. My name is Jimmy
15	Betham. I'm a pipeline safety engineer.
16	Q. In conjunction with your employment by the
17	Division, have you participated in this docket?
18	A. Yes.
19	Q. Did you prepare
20	MS. SCHMID: Or actually, if I may have a
21	moment, I would like to request permission to pass out
22	some hearing exhibit books that we have prepared.
23	PRESIDING OFFICER HAMMER: Of course. While
24	she is doing that, I apologize to the parties. I'm
25	contending with a bout of the flu, but I will do my best

1 from sniffling in the microphone and control my coughing, 2 so please excuse my voice. 3 BY MS. SCHMID: 4 Q. In conjunction with your employment -- or 5 actually, do you have a copy of the hearing book? Α. No. 6 (The witness was handed the hearing book.) 7 BY MS. SCHMID: 8 If you could open what's entitled, 9 0. Okay. 10 "The Division of Public Utilities hearing exhibits for hearing December 19 through 20, 2019," to the first page, 11 12 which is an index. I will ask you some questions about 13 some documents. 14 Α. Okay. Did you participate in providing what is 15 Q. 16 marked for identification as Hearing Exhibit No. 1, the 17 Division's response to the Commission's action request, dated March 26, 2019 and in particular, did you 18 19 participate in preparing what is marked as Attachment 1 20 to that document? It's a memorandum entitled, "Action 21 request response from the Division to the Commission." 22 Α. Yes. 23 MS. SCHMID: The Division would like to 24 request the admission of Hearing Exhibit No. 1. 25 PRESIDING OFFICER HAMMER: It's admitted.

1 (Hearing Exhibit No. 1 was 2 marked for identification.) 3 BY MS. SCHMID: 4 0. In your conjunction with your employment at the Division, could you please tell us if you are 5 familiar with what has been marked as Hearing Exhibit No. 6 3, which is the PEMC PHMSA operator registry 7 notification, OPID 39049 deactivation? 8 9 Α. Yes. 10 0. And is it true that this document was 11 provided by Pacific Energy & Mining Company to PHMSA and 12 represents that PEMC will no longer be the operator of 13 what we have been calling the Paradox Pipeline, effective 14 05/14/19? And it is found on the second page of that hearing exhibit? 15 16 Yes, I see that. Α. With that, the Division would 17 MS. SCHMID: like to move for the admission of Hearing Exhibit No. 3. 18 19 PRESIDING OFFICER HAMMER: Permit me a 20 question. 21 Mr. Betham, do you know how the Division of 22 Public Utilities came to be in possession of this 23 document? Whenever an operator submits a 24 THE WITNESS: 25 change or acquisition of a pipeline, existing pipeline,

1 such as the one in Moab, our federal partners, which is PHMSA, would receive notice from the operator and that 2 3 notice would be forwarded on to state agents, such as our 4 Division. 5 PRESIDING OFFICER HAMMER: Thank you. 6 THE WITNESS: So that is how we can get into possession of this. 7 PRESIDING OFFICER HAMMER: It's admitted. 8 9 (Hearing Exhibit No. 3 was 10 marked for identification.) 11 BY MS. SCHMID: 12 Mr. Betham, if you'd turn to what has been 0. 13 marked as Hearing Exhibit No. 6, which is entitled, "The Division status update," dated June 12, 2019. 14 Are you familiar with this document in 15 16 conjunction with your employment with the Division? 17 Α. Yes. 18 Do you know if this was prepared by the 0. Division and its pipeline safety section? 19 20 Yes. Α. 2.1 And you have personal knowledge of that fact? Q. 22 Α. Yes. 23 MS. SCHMID: With that, the Division would 24 like to move for the admission of Hearing Exhibit No. 6. 25 PRESIDING OFFICER HAMMER: It's admitted.

1	(Hearing Exhibit No. 6 was
2	marked for identification.)
3	BY MS. SCHMID:
4	Q. Now let's turn to hearing Exhibit No. 10. It
5	is the Division's report responding to the Commission's
6	June 14, 2019 order.
7	Are you familiar with this document?
8	A. Yes.
9	Q. In conjunction with your employment at the
10	Division, did you participate in the preparation and
11	filing of this document?
12	A. That's correct. Yes.
13	MS. SCHMID: With that, the Division would
14	like to move for the admission for Hearing Exhibit No.
15	10.
16	PRESIDING OFFICER HAMMER: It's admitted.
17	(Hearing Exhibit No. 10 was
18	marked for identification.)
19	MS. SCHMID: And I will note that hearing
20	Exhibit No. 10 has 14 attached exhibits, and I would also
21	like to move that those attached exhibits, which were
22	also filed contemporaneously with the Division's
23	memorandum, be admitted as exhibits as well.
24	PRESIDING OFFICER HAMMER: They are admitted.
25	MS. SCHMID: Thank you.

1 BY MS. SCHMID: 2 Now let's turn to Hearing Exhibit No. 13, 0. 3 This is an OPID assignment request, assigning an 4 OPID, which is an operator identification number, to Dead 5 Horse. 6 Are you familiar with this document? 7 Α. Yes. Is this a document that the Division would 8 0. 9 have received from PHMSA in conjunction with the 10 Division's responsibilities under its pipeline safety 11 enforcements and inspection certificate? 12 Α. Yes. 13 0. Is it true that this document represents, on 14 its face, that the new operator is Dead Horse Oil 15 Company? 16 Α. Yes. And that the date stated in this document for 17 0. the OPID assignment request is August 21st of 2019? 18 19 Yes, I can confirm that. Α. 20 MS. SCHMID: With that, the Division would 21 like to move for the admission of Hearing Exhibit No. 13. 22 PRESIDING OFFICER HAMMER: It's admitted. 23 (Hearing Exhibit No. 13 was 24 marked for identification.) BY MS. SCHMID: 25

1 Let's turn now to Hearing Exhibit No. 14, Q. 2 which has been marked for identification. That is the 3 Paradox Pipeline Interim Pipeline Monitoring Program 4 served by Terry Spencer, and the second page of the program itself is entitled, "Pacific Energy & Mining 5 6 Company Interim Pipeline Monitoring Program." Are you familiar with this document? 7 Α. Yes. 8 With that, I would like to move 9 MS. SCHMID: 10 for the admission of Hearing Exhibit No. 14, which was a 11 document filed by PEMC, I believe, with the Commission. 12 PRESIDING OFFICER HAMMER: It's admitted. 13 (Hearing Exhibit No. 14 was 14 marked for identification.) 15 BY MS. SCHMID: 16 I would now like to move to Hearing Exhibit 0. 17 No. 17, which has been marked for identification as Division's response to the Commission's August 22, 2019 18 19 action request. 20 Are you familiar with this document? Yes. 21 Α. 22 Did you participate in preparation of this 0. 23 document in conjunction with your employment with the 24 Division? 25 Α. Yes.

With that, the Division would 1 MS. SCHMID: 2 like to move for the admission of what has been marked as 3 Hearing Exhibit No. 17. 4 PRESIDING OFFICER HAMMER: It's admitted. 5 (Hearing Exhibit No. 17 was marked for identification.) 6 BY MS. SCHMID: 7 Mr. Betham, do you adopt the hearing exhibits 8 0. that have been admitted today as part of your testimony 9 before this Commission and Hearing Officer? 10 11 Α. Yes. 12 With that, I would like to move to the 0. 13 Division's request for deactivation of what we have been calling the Paradox Pipeline. I have some questions with 14 regard to that. 15 16 Α. Okay. 17 0. First of all, Mr. Betham, are you familiar with the fact that pipeline operations were suspended 18 19 consistent or in response to the Commission's hazardous 20 facility order of April 10, 2019? Was I familiar with it? 21 Α. 22 The fact that operations were suspended? 0. 23 We just had the operator's word, but we had Α. to verify that through a field observation. 24 25 Q. Can you tell us the results of your field

#### operation?

A. So our field operation took place in June, and we observed the pipeline's condition starting at the west -- the Northwest interconnect, which is located right off the road on the way to Moab. And we started there, and we observed the conditions of their pig receiving outside of the Northwest Pipeline gated area.

So we observed there, and we moved on to their block valve, which is near the Moab airport, and then we went to Wesco, observed the condition of the pipeline at the Wesco tie-in point at the Blue Hill's plant and then continued on the way down to the end of the -- or the beginning of the pipeline, which was the pig launcher and the beginning of the transmission line.

- Q. Did you review what has been marked and admitted as Hearing Exhibit No. 17, which are the comments from the DPU regarding the Interim Pipeline Monitoring Program?
  - A. Yes, we did review that.
- Q. Could you please summarize for us why the Division found the Interim Pipeline Monitoring Program insufficient, and it did not bring the Paradox Pipeline into compliance?
- A. Yes. When we received their interim plan, we found it insufficient because there was some

issues -- let me just turn to it, to review the -- there
was some issues we had, as far as how they were going to
perform the deactivation of the pipeline and the type of
equipment that they needed to use, the type of procedure
that they were supposed to perform, and to have the
documentation records evolved to perform the shutdown of
the pipeline.

- Q. Is it true that when the Division filed documents addressing the possibility of an interim monitoring program, the Division stated that -- and I paraphrase, that at a minimum, there needed to be a leak survey done, including an initial leak survey, pathotic protection, provided, monitored and documented as would be done with the leak survey, and patrolling also done, monitored and documentation provided?
- A. Yes. So starting with the leak survey, a leak survey had to be performed along the 21 miles of the pipeline to identify any leaks. And the pathotic protection had to be performed as well to see the condition of the pipe, to see if it was -- if there was still protection as far as protecting it from corroding.

And then the patrolling, to patrol along the pipeline to see if there was any activity, such as part of their -- if anybody was doing any construction activity along the line. So a lot of those things had to

- be in play to provide safety for the pipeline. So a lot of it wasn't spelled out in their interim plan, so we felt that that was insufficient. It didn't meet those needs.
  - Q. And focusing just on the leak survey, I believe that the filed interim program indicated that pressures would be taken at certain points and recorded; is that correct? According to your recollection of what was filed for the interim monitoring program?
  - A. That is correct. However, just reading the pressure is not enough to perform a leak survey. A leak survey encompass a lot more steps as far as just reading pressure gauges. You have to literally walk over the pipeline, use approved equipment to pick up any natural gas along the line, and be able to identify those areas that if you do come across a leak along the pipeline, that you know what you need to do in case of an emergency situation.
  - Q. Did the Division conduct a site visit in October of this year of the pipeline?
    - A. Yes.

- Q. I'm going to is ask you a few questions about that.
- PRESIDING OFFICER HAMMER: Ms. Schmid, can I ask you to put a pin in that for one minute, and do you

1 mind if I ask a question? 2 MS. SCHMID: Of course. 3 PRESIDING OFFICER HAMMER: Mr. Betham -- and 4 Ms. Schmid, this is, essentially, a procedural issue, if 5 you would like to answer as well, that is fine. 6 But can you lay foundation as to the impetus behind the pipeline monitoring program? Help us 7 understand for the record why this was being negotiated 8 9 and its purpose. And is there a reference in the CFRs or 10 Utah Administrative Code or Statutory Code that requires 11 this or suggest that it be done? 12 MS. SCHMID: I can address that in a limited 13 fashion. To my knowledge, there is not a specific 14 provision in the CFR that has monitoring prescriptive procedures that must be done. 15 Instead what is in the CFR 16 is steps that must be done to comply with the pipeline 17 regulations. Those compliant steps must be taken, and the 18 19 Division did not waive the necessity of complying with 20 those when it responded to the interim monitoring plan 21 that was filed. During this process, the Division has 22 spoken with various entities involved with the pipeline 23 and has had settlement-type meetings with those entities. 24 Without going too far into what could be 25 considered settlement talks, and I believe that I'm

1 permitted to say this, the interim monitoring program 2 filing came out as a result of some of those. 3 PRESIDING OFFICER HAMMER: Understood. So, 4 essentially, the requirement of the monitoring program 5 were a stipulated compromise as to what would be required for the Division of Public Utilities to be satisfied that 6 the pipeline was compliant with the HFO on a 7 going-forward basis, assuming it wasn't operating? 8 9 MS. SCHMID: Perhaps "stipulated" is too 10 formal of a word. It was the Division's recommendations. 11 The Division, again, did note that merely having a 12 monitoring program does not absolve a pipeline operator 13 and a pipeline of the responsibility to comply with the 14 pertinent regulations. 15 PRESIDING OFFICER HAMMER: Of course. But my 16 understanding is the HFO ordered the pipeline to cease 17 operations, but there were concerns about the fact that 18 it was still packed with gas and remained unsafe. 19 So was the intent of the monitoring program 20 to alleviate those concerns? 21 MS. SCHMID: As I understand it, the intent 22 of the monitoring program was to help move the pipeline 23 and operators into compliance. It is -- although, it is 24 not mentioned in the CFR, it is an industry standard for 25 pipeline and pipeline operators to employ an interim

```
1
    monitoring program when something happens.
 2
                In our case, the something that happened was
 3
    the imposition of the hazardous facility order and the
 4
    fact that compliance had not yet been obtained by the
 5
    pipeline. Often, an interim monitoring program is a
    result of some sort of third-party damage or something.
 6
    It is something that an operator undertakes as an extra
 7
    and to provide a status report on an ongoing basis of
 8
 9
    what is exactly happening with the pipeline.
10
                Again, it does not supplant the other things.
11
    What the Division had talked with parties about was the
12
    three specific things as a minimum and the monitoring
13
    plan did not meet those minimum things.
14
                PRESIDING OFFICER HAMMER: I think I
15
    understand. Thank you.
16
                             And actually, let's just turn
                MS. SCHMID:
17
    to -- let's do this: I'm putting before you what let's
18
    mark as Hearing Exhibit No. -- and let's just start at --
19
                PRESIDING OFFICER HAMMER: You left off at
20
    22.
         23 would be the next number.
21
                MS. SCHMID: Perfect. Let's mark it as 23.
22
    BY MS. SCHMID:
23
                Does what I have put before you and marked
           0.
24
    for identification as Hearing Exhibit No. 23 represent
25
    copies of photographs that you took when you did your
```

1	compliance verification site visit on October 18, 2019?
2	A. Yes, that's correct.
3	Q. Are there any points in this packet that you
4	would like to emphasize, or would you like the Commission
5	to just review the packet as a whole?
6	A. To review the packet as a whole.
7	Q. Okay.
8	MS. SCHMID: With that, I would like to move
9	for the admission of DPU Hearing Exhibit No. 23.
10	PRESIDING OFFICER HAMMER: It's admitted.
11	(Hearing Exhibit No. 23 was
12	marked for identification.)
13	BY MS. SCHMID:
14	Q. And also did the Division, and you in
15	particular, participate in a site visit of the pipeline
16	on December 13, 2019?
17	A. Yes.
18	MS. SCHMID: And if I can have those
19	distributed and marked for identification as DPU Hearing
20	Exhibit No. 23, we will discuss it.
21	PRESIDING OFFICER HAMMER: Excuse me, this
22	will be 24 that you are about to distribute.
23	MS. SCHMID: 24? Thank you.
24	BY MS. SCHMID:
25	Q. While that is being passed out, I'm just

going to ask you some questions about your observations and recollections from that site visit.

Do you recall if there was a physical separation between what I'm going to call the top of the plant or the top of the pipeline on the end where the Dead Horse and Greentown Oil and Gas wells are, if there was a physical separation, such as a separation of the Pipe A and B so there was a gap in between, or temporary phalanges put in place?

- A. Are you referring to the Northwest interconnect?
  - Q. No, I'm referring to the top of the pipeline.
- A. Top of the pipeline? So at the top of the pipeline, we did not observe any physical separation from the gathering system to the start of the transmission line.
- Q. Perfect. Was there any physical separation at the bottom of the pipeline, where it would go into the Northwest Pipeline facilities?
- A. During the site visits, we did not observe any physical separation from the Northwest interconnect from the two points of the pipeline.
- Q. Is it your testimony that the 11 outstanding violations that were noted in the hazardous facility ordered April 10, 2019 are still uncured?

1

Α. Yes.

2

Is it your testimony that as a matter of 0. public safety, deactivation of this pipeline is required?

4

3

Α. Required and our only option that we had.

5

6

Let's talk a little bit -- and please indulge 0. me because I'm not an engineer. I try to be one every now and then but I'm not.

7 8

Could you explain what "deactivation" is in layman's terms?

9 10

I'll try to be simple as possible. Α.

11

Thank you. Q.

Α.

about that.

12

pressure, for one, and reduction of pressure requires

14

13

that all the valves remain in a closed position, locked

So deactivation starts with the reduction of

15

16

remaining residual gas that is left within the pipeline

and secured. And once that is accomplished, then the

17

needs to be purged completely so that there is no natural

18

gas that's left in the pipeline, because we're concerned

19

20 So there had to be procedures to purge the

21

pipeline of natural gas to replace it with either a 22 medium, such as water or air or nitrogen. And once that

23

is completed, then it is disconnected from the other

24 25

or some kind of a mechanism to separate the pipeline from

points of entry and points of exit, where you put a cap

any distribution of gas within the pipeline.

- Q. So there are specific steps that must be taken to do that. Correct?
  - A. Yes.

2.1

- Q. Once those steps have been taken and the pipeline is deactivated, can the pipeline be restored to what I'm going to call "normal operations" or its regular active status?
- A. Yes, it can be restored after doing modifications, such as removing the phalange that kept the pipeline from distributing gas or transporting gas.
- Q. Is it your testimony then that deactivation is required now or as soon as possible?
- A. That is correct, because we don't -- we're not confident, based on -- typically, we would have records of the work that's being done, such as the maintenance and work that was done. Because none of those records have been provided to us, we don't have that confidence that this pipeline is operated in a safe manner.
- Q. And let's just go back for a moment, why is having records and documentations of policies and procedures and training important?
- A. It's important because from my line of work, we don't -- we don't hold the hand of the operator and

- because our resources -- we do our best to arrive onsite 1 2 and our duty is to look at their procedures. If thev 3 have good procedures of operating the pipeline, once we 4 inspect that, we move forward to how well are they 5 following those procedures through their records. 6 And the records is a good indication that they are a prudent and a proactive operator, to want to 7 try to keep the pipeline safe. And once those records 8 are reviewed, then we do a site visit on their facilities 9
  - And if the records are not provided at the time of inspection, it doesn't give us an indication or confidence, again, to know they are operating this pipeline safely.

to determine that those records are in conjunction with

what they are doing out in the field.

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Q. At some point -- and I'm not sure of the exact date, but at some point, Dead Horse Oil Company, LLC, became the operator of the pipeline.

Do you have confidence that this new operator is making meaningful progress towards compliance?

A. Well, in order for my confidence to be assured, for one, we would have to have the procedures that we would request from the operator and that they would start to use those procedures as part of their documentation in maintaining the pipeline.

But because we didn't receive those 1 2 procedures or have any recollection of if they were going 3 to adopt the previous operator's procedures, we just 4 didn't know. And because we didn't know, we just don't 5 have that assurance that the new operators of the pipeline are operating in a safe manner. 6 7 Q. Does the fact that the new operator Dead Horse -- let me rephrase the question, just a minute. 8 9 MS. SCHMID: Could I have just a moment, 10 please? 11 PRESIDING OFFICER HAMMER: Of course. Would 12 you like a recess or --13 MS. SCHMID: Just a couple moments, thank 14 I will just continue. 15 BY MS. SCHMID: 16 We talked earlier about how PHMSA provides 0. 17 copies of certain documents to the Division as part of the Division's records and its duties to do the 18 19 enforcement and inspection of the intrastate pipelines. 20 Do you remember that discussion? 21 Α. Yes. 22 Do you recall if PHMSA sent a letter to Dead Q. 23 Horse indicating that Dead Horse had been, I will use the 24 word, "derelict" in not requesting, of its own volition, 25 an operator ID?

- A. I believe the discussion was that because there was a new operator, it required them to request PHMSA to have a new OPID.

  And because that OPID had a certain time
  - limit after they took over the pipeline -- that time limit, I believe, was 30 days, and because they didn't meet that 30 days, PHMSA came back and said they were in violation of that for not reporting that they were the new operator and a new OPID had to be submitted.
  - Q. Does the fact that Dead Horse did not comply with the OPID number request procedures install confidence in the Division that Dead Horse will be a prudent operator?
    - A. Yes, because it's required that any --
  - Q. Pardon me, let me rephrase. It does or does not install confidence that Dead Horse will follow the rules and regulations?
    - A. No.

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

23

24

25

- Q. Turning now to the second part of the Division's plea for relief, the Division has requested that if deactivation is not achieved and proven, and proven is a very important point, by the date specified by the Commission, the Commission assessed penalties for that failure; do you recall that?
  - A. Yes.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

23

24

25

Do you recall the nature of amount of Q. penalties that the Division requested be assessed? Α. Was that during the hazardous facility order or the request now? It was the request for this hearing and --0. Α. I believe it is the maximum penalty, and the maximum penalty -- would you like me to give the amount? But can we turn to the Commission's 0. No. statutes and see that in regulations? Α. Yes. Q. If you know it offhand, that would be Okay. helpful, though. Α. I believe the maximum penalty would be \$1 million. Okay. Why is the Division convinced that 0. deactivation is needed? Are there other methods that the Division could have tried that would accomplish a safe and compliant pipeline? I would say that we tried to explore Α. different options, what needed to be done, but because we didn't receive procedures and records of how this pipeline was maintained, we just don't know. And because we didn't know, we erred on the side of caution and believed this was the best option for us, to request a deactivation of this pipeline.

Now, the operator did provide that they shut the pipeline in. However, we did have concerns about the gas still being under the ground or within the pipeline. And because of that, we felt that that was our only option, to request deactivation of the line.

- Q. Are there particular characteristics of this pipeline, such as its location, that make deactivation the only option?
- A. Yes. Although it is in a Class 1 location, a Class 1 location means that there is not very many people who physically live around the pipeline. However, Moab is one of the heaviest outdoor recreation activities, where you have Jeep Safari, you have cyclists, you have many people in outdoor activities near that pipeline.

And we felt that that pipeline could be a safety concern. If not being kept according to its maintenance and operation procedures, that it can be a concern to the public.

- Q. And a public safety concern; is that right?
- A. That is correct.
- Q. Does the Division recognize that having a pipeline shut-in can affect reservoir pressures and production and can result in flaring or venting of gas?
  - A. Restate that question again.
  - Q. Does the Division recognize that if a

pipeline is shut-in and gas that normally flows into the 1 pipeline can't get into the pipeline anymore, that 2 3 venting or flaring of gas may be required or that if the 4 wells are shut-in. There can be reservoir damage? 5 Α. Yes. With that, why is the Division recommending 6 Q. that the pipeline be deactivated now? 7 We want to deactivate it because we want to 8 Α. keep the pipeline safe -- well, not the pipeline, the 9 10 public safe. And although we don't want flaring, because 11 we're concerned about the environment as well, but 12 deactivation allows us to have that confidence and 13 assurance that this pipeline will be in a safe condition 14 for the public safety. 15 0. Thank you. Is there a time by which the 16 Division would request the Commission order deactivation? 17 Α. As soon as possible. With that, the Division has no 18 MS. SCHMID: 19 more questions for this witness at this time and makes 20 Mr. Betham available for cross-examination questions from 21 the parties and from the Hearing Officer. 22 Actually, we may come back once we 23 have -- actually, can I circulate and then move for the 24 admission of what has been -- what we would like to mark

as DPU Hearing Exhibit No. 24?

1	PRESIDING OFFICER HAMMER: Yes, go ahead and		
2	circulate it, please.		
3	MS. SCHMID: I apologize, these copies have		
4	not been premarked with a hearing exhibit number.		
5	PRESIDING OFFICER HAMMER: We will mark it		
6	Exhibit 24.		
7	MS. SCHMID: Thank you.		
8	BY MS. SCHMID:		
9	Q. Mr. Betham, earlier this morning, we talked a		
10	little bit about the Division site visit to the pipeline		
11	on December 13, 2019.		
12	Do you recall that discussion?		
13	A. Yes.		
14	Q. As part of that site visit, did the Division		
15	take pictures and prepare of things it saw and then		
16	prepare what has been marked as DPU Hearing Exhibit No.		
17	24?		
18	A. Yes.		
19	Q. If you could quickly look through what I have		
20	passed you and just make sure that I have the correct		
21	pictures?		
22	MS SCHMID: With that, the Division would		
23	like to move for the admission of Hearing Exhibit No. 24.		
24	PRESIDING OFFICER HAMMER: It's admitted.		
25	MS. SCHMID: Thank you.		

```
1
                (Hearing Exhibit No. 24 was
 2
                 marked for identification.)
 3
                MS. SCHMID: With that, Mr. Betham is
 4
    available for cross-examination questions from the
 5
    parties and questions from the Hearing Officer.
                PRESIDING OFFICER HAMMER: We will turn to
 6
 7
    Mr. Begley first.
                Do you have any questions, sir?
 8
 9
                MR. BEGLEY:
                             Thank you, Mr. Hammer.
10
    have several.
11
                           CROSS-EXAMINATION
    BY MR. BEGLEY:
12
13
                Forgive me, I'm kind of learning as I go, so,
           0.
14
    hopefully, you can help me understand this as well.
15
                So if there was a prudent operator in place,
16
    how long would it take, typically, to cure the 11
17
    outstanding violations, in your opinion?
                It may take some time to review the documents
18
19
    that they submit, as far as their procedures and then the
20
    type of documentation that they are going to perform.
21
    While we do that review, we can expedite that as quickly
22
    as possible. I can't put a date on that, depending on
23
    how well we review the information that we receive from
24
    the new operator or a prudent operator of the pipeline.
                Can you, at least, guesstimate for a range?
25
           Q.
```

### Is it less than a month? more than a month?

- A. I think it would be quicker than that. Maybe a couple days after reviewing the documents. Maybe we can speed that up. As far as the review process of those documents submitted by the operator, gives us some time to review that.
- Q. Thank you. And in terms of the -- there was a workable or, at least, some sort of interim plan that was arrived at between the parties and the Division. And apparently, there was a breakdown with respect to that interim plan. Is that what I understand your testimony to be?
- A. Yes. So the interim plan that we received for the Division, we reviewed that plan and found it insufficient. It was about half a page long. And typical procedures like that require several documentations, as well as coordination with outside sources, to ensure emergency response to the pipeline if anything were to go wrong.

And so that's what we were concerned about, is that they didn't have that kind of procedure in place to do that.

Q. And a similar question: How long would it have taken a prudent operator, if one was in place, to arrive at a workable interim plan?

- A. If they received help from other sources,
  like consultants, I'm pretty sure within a couple of
  days, they were able to figure that out. But because
  this took some substantial time in receiving this
  information, we just didn't have that confidence that the
  plan that we received was in compliance with the
  regulation.
  - Q. Thank you. And if you know, out of curiosity's sake and for the record, if this pipeline is deactivated, how long would it then take for it to be activated?

- A. With the removal of the phalange, I think within a day, if it is just a removal of those phalanges. And then restoring the valves in its operational open position, you can restore the flow of gas immediately, from my experience.
- Q. Thank you. And then you testified or, at least, answered some questions on other available options that you've explored with respect to this, outside of decommissioning or deactivating the pipeline.

One of those avenues that was explored was somehow appointing a temporary, prudent operator in the form of a receivership for this pipeline so that safety violations, safety testing, all of that could be cured and on an interim basis?

1 I will object to that question MS. SCHMID: 2 to the extent that it asks for a legal conclusion 3 concerning the authority of the Division to make such a 4 request or the Commission to grant such a request. 5 However, I do not object if Mr. Betham answers the question from a layman's perspective. 6 PRESIDING OFFICER HAMMER: Overruled. 7 Mr. Betham, if you are aware of whether or 8 not the DPU has considered that as an alternative, you 9 10 are welcome to answer. 11 We would love a prudent THE WITNESS: 12 operator to take over this pipeline. However, due to the 13 circumstances that we're in, we just -- I guess -- could 14 you restate that question again? 15 BY MR. BEGLEY: 16 0. If you had it within your means -- and Yes. 17 it is a fair point with respect to the jurisdictional authority question that Counsel has offered. 18 19 there was a prudent operator available, would that be 20 something that -- an avenue to explore, in your opinion, 21 to get this pipeline back online and compliant with any 22 safety issues? 23 Oh, I'm all in favor of an operator who is 24 willing to do the right things and willing to take the 25 initiative of being in compliance with the regulation and 1 keeping their pipeline safe by doing the required
2 recommendation of the minimum standards of our federal
3 codes, so yes.

2.1

- Q. Thank you. And with respect to your site visit, when you are inspecting this pipeline, tie-ins, all the infrastructure associated with that, did you also inspect any of Wesco's facilities or infrastructure that is operated by Wesco?
- A. Our line of work only requires us to inspect the jurisdiction-ality of the transmission line, which is an intrastate transmission line. Wesco is an operator that is a gathering operator, so we would not inspect their facilities.
- However, we do inspect where they start to tie in into the transmission line at the Blue Hill's plant.
- Q. Was there any issue with respect to any of Wesco's infrastructure and those tie-in points?
- A. From my observation, if you look at the pictures that I have taken, there is a physical disconnection of Wesco's pipeline into the Northwest interconnect -- or sorry, not the Northwest, into the transmission line, a physical disconnection that we observed there.
  - Q. And, again, for someone that represents the

	December 19, 2019 Page 4
1	board and not a technical pipeline expert, what does that
2	mean?
3	A. A physical disconnection is when they remove
4	the phalanges that connect the pipeline to the
5	transmission pipeline and replace it with a cap on both
6	ends to prevent any transportation of gas between the two
7	entities, between Wesco and the transmission pipeline.
8	Q. Thank you. I have no further questions.
9	PRESIDING OFFICER HAMMER: Mr. Trousdale?
10	MR. TROUSDALE: Just a couple of questions.
11	CROSS-EXAMINATION
12	BY MR. TROUSDALE:
13	Q. Did you communicate with any representative
14	of Pacific Energy & Mining Company while you were doing
15	this inspection?
16	A. We did not communicate with the operator
17	because this was just a site visit.
18	Q. Okay.
19	A. And because this was just a site visit, we
20	did not tamper with any of the equipment. However, we
21	were just up there to observe the condition of the
22	valves, which we observed they were in a closed position
23	and that they were locked and secured, and that we also

observed the pressure gauge and that is all that we were

there to do, is just to do a site visit and to look at

24

the condition of the pipeline facilities. 1 2 Have you ever had communications with 0. Okav. 3 representatives of Pacific Energy & Mining Company? 4 Α. We -- to my knowledge, we did not communicate that with them. 5 At least, not you personally? 6 Q. 7 Α. No. Have you ever had any communications 8 Q. Okav. with a representative from Greentown Oil Company? 9 10 No, we did not, as far as doing the site Α. 11 visit. 12 Q. Okay. That's all. 13 PRESIDING OFFICER HAMMER: And I just have a 14 couple questions, Mr. Betham. 15 This one may be a little redundant of some of 16 Mr. Begley's questions, but he asked you about how long a 17 prudent operator, in your opinion, would require in order to remedy the 11 violations. 18 19 And when I heard your answer to that specific 20 question, you answered with respect how long it might 21 take the Division of Public utilities to review any 22 documents they prepare. 23 In your experience and in your opinion, how 24 long would it take a prudent operator, on the operator's

side, to amend the manuals and conduct the inspections

and do the other activities required to bring those 11 1 2 violations into compliance? 3 THE WITNESS: I didn't want to give a time 4 frame, but because we needed to review those -- the 5 information that the new operator submitted to us, it just takes some time to see how well their procedure and 6 how they are going to document is going to comply with 7 the minimum standards. So that will take some time. 8 9 PRESIDING OFFICER HAMMER: No. I understand 10 My question is directed to the time the operator 11 would be required in order to do the things that become 12 compliant. I understand you are not in their position, 13 but in your professional opinion, is that an onerous task 14 and would it require a lengthy amount of time? 15 I don't think it will take that THE WITNESS: 16 long because those 11 violations were documentation and 17 records issues that we did not receive from the operator at the time of inspection. 18 19 So if the operator can demonstrate to us that 20 that documentation can be taken care of or that they are 21 going to follow that, then we wouldn't see a problem then 22 of having -- you know, assume the acquisition of the 23 pipeline within a short time frame. 24 PRESIDING OFFICER HAMMER: And I believe when 25 Mr. Begley asked you about making the improvements or

taking the actions required to comply with the interim 1 2 monitoring plan, you answered that in your opinion, that 3 could be done possibly within days? That's correct. 4 THE WITNESS: 5 PRESIDING OFFICER HAMMER: And you're welcome not to answer this question if it exceeds your area of 6 expertise, and I recognize that it may, but if the Public 7 Service Commission granted the Division's request and the 8 lines were completely purged and shut in, what are the 9 10 ramifications of purging all of the gas out of the line? 11 Are there alternatives, for example, to 12 purging it into the atmosphere, and do you have any 13 opinion as to the consequences of that act? 14 THE WITNESS: Well, we don't like to vent. However, there are ways that you could truck the gas out 15 16 of the pipeline and replace it with nitrogen or with 17 However, those are the options that can be considered, but we don't like to waste any natural 18 19 resources, such as natural gas. 20 And, you know, venting, that is an 21 environmental issue, but if it comes down and that is our 22 only option, then that's probably where it needs to be. 23 But we can explore other options, such as trucking the 24 natural gas out of there and putting it in another 25 system, or we just have to review other options.

1	But that was our only option, either to vent		
2	out the gas or to truck it out.		
3	PRESIDING OFFICER HAMMER: Do you have a		
4	conception of the volume of gas in the pipeline and the		
5	feasibility of trucking it out?		
6	THE WITNESS: Well, it is a 16-inch diameter		
7	steel pipeline. If you calculate that and the distance		
8	of 21 miles, you can calculate the volume, how many		
9	truckloads that need to be done to remove that natural		
10	gas out of there.		
11	I can't calculate that. I don't have the		
12	calculation now, but doing some sound engineering		
13	calculations, we can come up with a determination of how		
14	long that would take.		
15	PRESIDING OFFICER HAMMER: Do you have a		
16	preliminary opinion as to whether that would be		
17	prohibitively expensive?		
18	THE WITNESS: There is a cost associated with		
19	that, but I can't determine that right now without doing		
20	some calculations.		
21	PRESIDING OFFICER HAMMER: Understood. I		
22	have no other questions.		
23	Ms. Schmid, do you have any redirect?		
24	MS. SCHMID: Very limited, thank you.		
25	FURTHER DIRECT EXAMINATION		

1 BY MS. SCHMID:

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

- Q. Mr. Betham, Mr. Trousdale asked you some questions about communications with PEMC. Do you recall that conversation?
  - A. Yes.
- Q. Is it true that the Division, at least since 2016, has had communications with PEMC about the 11 outstanding violation?
  - A. We did have communications with that, yes.
- Q. And is it true that -- if you know, if the Division has continued to copy PEMC on filings it had made with the Commission, even after PEMC resigned as operator?
- A. Yes.
- Q. And is it your experience that at least up until today, PEMC participated in this proceeding -- in this docket? Sorry.
  - A. Yes.
- Q. You were asked by the Hearing Officer about the nature of the violations. And is it true that although there are records and documentation violations, having those records and following those procedures is essential to protect the public?
  - A. Yes.
  - Q. And so it is more than just paperwork; is

## that correct?

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

- A. It is more than paperwork. Actually, there's the work that needs to go into -- on the operator side to perform that work according to their procedures.
- Q. And you were asked some questions about a hypothetical new operator. Do you recall that discussion?
  - A. Yes.
- Q. We talked, and you indicated that it is possible that a dedicated, committed new operator could relatively quickly renew the pipeline and bring the pipeline back into regular active status; is that a fair laywoman's characterization of your testimony?
  - A. If they had the right resources and -- yes.
- Q. Does the Division still stand by its recommendation that the pipeline be deactivated now in order to protect the public safety?
  - A. Yes.
- Q. Thank you. Those are all my redirect questions.
- 21 PRESIDING OFFICER HAMMER: Thank you.
- 22 Mr. Betham, you're excused.
- 23 Mr. Begley, you do not intend to call a
- 24 | witness; is that right?
- MR. BEGLEY: No, Mr. Hammer, but we do have

counsel for the Division that has a more accurate 1 2 understanding of the chronology in front of the Board of 3 Oil, Gas and Mining with respect to the issue of the 4 flaring, if the Hearing Examiner would like to hear from him at all. 5 6 PRESIDING OFFICER HAMMER: We will come back 7 to that. Mr. Trousdale, you don't expect to call a 8 9 witness. Correct? 10 MR. TROUSDALE: No. 11 PRESIDING OFFICER HAMMER: Thank you. We 12 will move on then. 13 I suppose my question, Mr. Begley, is has the 14 board contemplated a process that it would like to see 15 happen for the PSC to incorporate its concerns into this 16 proceeding, given the board only moved for intervention 17 yesterday. Obviously, in the Division's view, the public 18 safety circumstances are rather exigent. 19 Do you have a proposed process? 20 Mr. Hammer, the board would want MR. BEGLEY: 21 to make sure and clarify that we -- that the board 22 completely understands the Division's need to end and 23 mandate itself to make sure that the public health and 24 safety is assured. That relief and remedy is certainly 25 within the Division's purview and the board has no

1 objection to that type of relief.

My marching orders, if you will, came as a result of the Wesco proceeding and the concern over flaring and continuation of that flaring issue involving an innocent third party, which is Wesco, in this dispute, a deactivation of a pipeline that could be in perpetuity because we do not know how long this would take, and that the board made at least an effort to say, "Well, we want to do a resolution to see if whether or not, A., the Public Service Commission understands and appreciates the bind the board is in when there is a general disdain for wasting natural resources, first, a concern over the environment, second, and third, getting in the middle of some sort of dispute involving multiple parties."

The testimony before the board was that it's not only a situation with respect to waste being a concern but it is elevated to the fact that Wesco, before the board, actually has to pay royalties to gas that is going to be flaring.

So it is a compounded issue, compounded problem, and that the board's real concern is that there is not an open -- it is an open-ended deactivation period and that the flaring goes well beyond -- right now, we only have a 30-day flaring order that is allowing, I believe, 400 MCF allowances for the next board hearing,

1 which will be the end of January. 2 And so, again, I think the Public Service 3 Division is in a bind, the board is in a bind, the 4 Division is in a bind, and we just want to at least see if there's, A., clarification that the record is 5 completely clear that there is a situation here, and the 6 board is involved in it, and that whether or not to the 7 extent, they can add to the factual record our 8 understanding of the scenario and help arrive at the 9 solution, that would be wonderful too. 10 11 PRESIDING OFFICER HAMMER: Ms. Schmid, do you 12 have anything to say on that matter? 13 MS. SCHMID: Just that it is the position of 14 the Division that public safety and safety of the public 15 is paramount. Thank you. 16 MR. BEGLEY: Mr. Hammer, if I may, I 17 did -- you asked, and I don't believe I effectively 18 addressed your question, as to whether or not there is 19 some sort of plan. I apologize for that. 20 The only plan that is basically from counsel for the Division and board, wondering whether or not 21 22 there could be and we do not know this, the appointment 23 of some sort of temporary receiver-type scenario, where a 24 prudent operator is appointed to procure all the safety 25 violations. And because a prudent operator is in place,

1	whether or not that could then resolve and cure all the
2	outstanding safety violations in a somewhat expedited
3	manner. And also allow then to also satisfy the
4	Division's concern for any safety violation, and then
5	someone could get back up to speed, the gas could be
6	allowed to flow and the flaring could be alleviated.
7	PRESIDING OFFICER HAMMER: Understood. Well,
8	of course, you are all welcome to have those discussions
9	at length outside of this official proceeding. I
LO	encourage you to do so.
L1	If there is nothing else, we will adjourn.
L2	MS. SCHMID: Thank you.
L3	(The hearing was adjourned at 10:16 A.M.)
L 4	
L5	
L6	
L7	
L8	
L9	
20	
21	
22	
23	
24	
25	

1	REPORTER'S CERTIFICATE		
2			
3	State of Utah )		
4	County of Salt Lake )		
5			
6	I hereby certify that the witnesses in		
7	the foregoing hearing were duly sworn to testify to the		
8	truth, the whole truth, and nothing but the truth in the		
9	within-entitled cause;		
10	That said hearing was taken at the time		
11	and place herein named;		
12	That the testimony of said witnesses		
13	were reported by me in stenotype and thereafter		
14	transcribed into typewritten form.		
15	I further certify that I am not of kin		
16	or otherwise associated with any of the parties of said		
17	cause of action and that I am not interested in the		
18	events thereof.		
19	IN WITNESS WHEREOF, I set my hand this		
20	24th day of December, 2019.		
21			
22	Loquie toteran		
23			
24	Kellie Peterson, RPR		
25			

# Hearing December 19, 2019

Index: \$1..alternatives

\$	<b>22</b> 19:18 26:20	action 11:13 14:17,20
<b>—</b>	<b>23</b> 26:20,21,24 27:9,11,	19:19
<b>\$1</b> 34:14	20	actions 46:1
	<b>24</b> 27:22,23 36:25 37:6, 17,23 38:1	activated 40:11
0	<b>26</b> 14:18	active 30:8 49:12
<b>05/14/19</b> 15:14	20 14.10	activities 35:12,14 45:1
	3	activity 22:23,25
1	2 15:7 10 16:0	<b>address</b> 13:12 24:12
<b>1</b> 14:16,19,24 15:1 35:9,	<b>3</b> 15:7,18 16:9	addressed 12:12
10	<b>30</b> 33:6,7	addressing 22:9
<b>10</b> 17:4,15,17,20 20:20	<b>30-day</b> 9:14	adjacent 7:14
28:25	<b>39049</b> 15:8	Administrative 24:10
<b>11</b> 5:24 28:23 38:16 44:18 45:1,16 48:7	6	<b>admission</b> 14:24 15:18 16:24 17:14 18:21 19:10
<b>12</b> 9:14 16:14	<b>6</b> 16:13,24 17:1	20:2 27:9 36:24 37:23
<b>13</b> 18:2,21,23 27:16 37:11	7	admitted 14:25 16:8,25 17:16,23,24 18:22 19:12
<b>14</b> 17:6,20 19:1,10,13	7 4:44 44:0 40:0	20:4,9 21:16 27:10 37:24
<b>16-inch</b> 47:6	<b>7</b> 4:14 11:9 12:3	adopt 20:8 32:3
<b>17</b> 19:17 20:3,5 21:16	9	affect 35:22
<b>18</b> 5:22 27:1		agencies 7:9
<b>18-2602-01</b> 4:6	<b>9:00</b> 4:1	agency 5:18
<b>19</b> 4:1 14:11		agent 11:3
		agents 16:3
2	<b>A.M.</b> 4:1	ahead 4:9 5:8 8:9 37:1
<b>20</b> 14:11	absolve 25:12	air 12:1 29:22
<b>2016</b> 48:7	accomplish 34:17	airport 21:9
<b>2019</b> 4:1 14:11,18 16:14	accomplished 29:15	<b>Alden</b> 10:21
17:6 18:18 19:18 20:20	accurate 50:1	alleviate 25:20
27:1,16 28:25 37:11	achieved 33:21	allowing 9:15
<b>21</b> 22:17 47:8	acquisition 15:25 45:22	alternative 10:3 41:9
<b>21st</b> 18:18	act 46:13	<b>alternatives</b> 9:23 10:1 46:11

amend 44:25
amount 34:1,7 45:14
and/or 9:7
answers 41:6
anymore 36:2
apologies 5:13
apologize 13:24 37:3
apparently 9:7 39:10
appearance 5:1
appearances 4:9
appointing 40:22
approach 13:2
approved 23:14
<b>April</b> 20:20 28:25
<b>area</b> 5:20 9:20 21:7 46:6
<b>areas</b> 23:15
<b>arrive</b> 31:1 39:25
arrived 39:9
asks 41:2
<b>assessed</b> 8:19 33:23 34:2
assigning 18:3
assignment 18:3,18
assistant 4:19
assume 45:22
assuming 25:8
<b>assurance</b> 32:5 36:13
assured 31:22 50:24
atmosphere 46:12
attached 17:20,21
Attachment 14:19

December 19, 2019
attention 6:1
attorney 4:11,19
August 18:18 19:18
authority 9:17 41:3,18
authorized 11:13
avenue 41:20
avenues 40:21
aware 41:8
B
<b>back</b> 8:9 9:22 10:1 12:4 30:21 33:7 36:22 41:21 49:12 50:6
background 6:11
<b>bankruptcy</b> 4:15 7:1 10:15 11:9,13
<b>based</b> 30:15
basis 25:8 26:8 40:25
beginning 21:13,14
<b>Begley</b> 4:18,23,24 5:5, 10,11 8:25 9:5,13,19 12:16,21 38:7,9,12 41:15 45:25 49:23,25 50:13,20
<b>Begley's</b> 7:24 44:16
behalf 11:10,14
believed 34:24
<b>Betham</b> 12:23 13:1,4,15 15:21 16:12 20:8,17 24:3 36:20 37:9 38:3 41:5,8 44:14 48:2 49:22
<b>bit</b> 10:10 29:5 37:10
<b>block</b> 21:9
Blue 21:11 42:15

**board** 4:19 5:15,17,24 6:2,7,12,16,19,21 7:4,6, 16 9:2,6,13,16,25 12:17 43:1 50:2,14,16,20,21,25 **board's** 5:25 6:4 boards 7:12 **book** 14:5,7 **books** 13:22 **bottom** 28:18 **bout** 13:25 breakdown 39:10 **bring** 21:22 45:1 49:11 brought 5:25 business 13:12 C **calculate** 47:7,8,11 calculation 47:12 calculations 47:13,20 **call** 6:10 12:14,22 28:4 30:7 49:23 50:8 called 12:24 13:5 calling 15:13 20:14 cap 29:24 43:5 care 45:20 case 23:17 26:2 caution 34:23 **cease** 9:17 25:16 certificate 18:11 **CFR** 24:14,15 25:24 **CFRS** 24:9 **change** 15:25

### Hearing December 19, 2019

Index: Chapter..counsel

Chapter 4:14 11:9 12:3 completed 29:23 19:23 31:10 characteristics 35:6 **completely** 29:17 46:9 connect 43:4 50:22 characterization 49:13 consequences 46:13 complexity 6:9 **choking** 9:22 10:1 **considered** 24:25 41:9 **compliance** 21:23 25:23 46:18 **Christensen** 10:21,24,25 26:4 27:1 31:20 40:6 consistent 20:19 chronology 50:2 41:25 45:2 construction 22:24 circulate 36:23 37:2 compliant 24:18 25:7 consultants 40:2 34:18 41:21 45:12 circumstances 41:13 50:18 contemplated 50:14 complied 12:10 clarify 50:21 contemporaneously **comply** 24:16 25:13 17:22 33:10 45:7 46:1 **Class** 35:9,10 contending 13:25 complying 24:19 clear 7:18 11:8 context 7:8 compromise 25:5 **close** 7:14 continue 32:14 conception 47:4 **closed** 29:14 43:22 continued 21:12 48:11 **concern** 9:9 35:16,18,19 co-own 11:24 continues 9:10 **concerned** 8:12,13 10:10 **Code** 24:10 29:18 36:11 39:20 contrary 11:25 **codes** 42:3 **concerns** 10:9 25:17,20 control 14:1 comments 21:17 35:2 50:15 controls 11:9 **Commission** 4:6 6:15 conclusion 41:2 8:18 14:21 19:11 20:10 conversation 48:4 conclusive 12:6 27:4 33:23 36:16 41:4 convinced 34:15 46:8 48:12 **condition** 21:3,10 22:20 coordination 39:17 36:13 43:21 44:1 **Commission's** 4:8 14:17 **copies** 26:25 32:17 37:3 17:5 19:18 20:19 34:8 conditions 21:6 copy 14:5 48:11 committed 49:10 **conduct** 9:10 23:19 44:25 **correct** 9:13 17:12 23:8, communicate 43:13,16 10 27:2 30:3,14 35:20 44:4 conference 6:10 37:20 46:4 49:1 50:9 communications 44:2,8 confidence 30:19 31:14. corroding 22:21 48:3,7,9 19,21 33:12,16 36:12 40:5 **cost** 47:18 communities 8:15 confident 30:15 coughing 14:1 company 4:6,15 9:2,4 15:11 18:15 19:6 31:17 **confirm** 18:19 counsel 4:19 5:3.8.17 43:14 44:3.9 10:15 41:18 50:1 **conjunction** 13:16 14:4 competing 10:7 15:4 16:16 17:9 18:9

couple 6:20 9:22 32:13 39:3 40:2 43:10 44:14 create 7:3 cross-examination

36:20 38:4,11 43:11 cure 38:16 cured 40:24 curiosity's 40:9 cyclists 35:13

D

damage 9:23 26:6 36:4 date 18:17 31:17 33:22 38:22 dated 14:18 16:14

**day** 40:13

**days** 33:6,7 39:3 40:3 46:3

deactivate 36:8

**deactivated** 30:6 36:7 40:10 49:16

deactivating 40:20

deactivation 8:18 15:8 20:13 22:3 29:3,8,12 30:12 33:21 34:16,25 35:5,7 36:12,16

**Dead** 10:20,22 18:4,14 28:6 31:17 32:7,22,23 33:10,12,16

debtor 11:8,9 12:4

**December** 4:1 5:24 9:14 14:11 27:16 37:11

decommission 7:17 decommissioned 6:17

decommissioning 40:20

dedicated 49:10

defined 6:4

demonstrate 45:19

depending 38:22

derelict 32:24

designated 4:8

determination 47:13

determine 31:10 47:19

develop 10:4

diameter 47:6

difficult 6:16

**DIRECT** 13:3 47:25

directed 45:10

disconnected 29:23

disconnection 42:21,23

43:3

discuss 27:20

**discussion** 32:20 33:1

37:12 49:7

dispute 5:16 6:11

distance 47:7

distribute 27:22

distributed 27:19

distributing 30:11

distribution 30:1

**Division** 4:11 5:16 7:25 8:2,11,13 12:9,22 13:13, 17 14:10,21,23 15:5,17, 21 16:4,14,16,19,23 17:10,13 18:8,20 19:24 20:1 21:21 22:8,10 23:19 24:19,21 25:6,11 26:11 27:14 32:17 33:12,20

34:2,15,17 35:21,25 36:6,16,18 37:10,14,22 39:9,14 41:3 44:21 48:6, 11 49:15 50:1

**Division's** 14:17 17:5,22 18:10 19:18 20:13 25:10 32:18 33:20 46:8 50:17, 22,25

docket 4:6 13:17 48:17

**document** 14:20 15:10, 23 16:15 17:7,11 18:6,8, 13,17 19:7,11,20,23 45:7

**documentation** 22:6,15 31:25 38:20 45:16,20 48:21

documentations 30:22 39:17

documented 22:13

**documents** 14:13 22:9 32:17 38:18 39:3,5 44:22

down 21:12 46:21

**DPU** 21:17 27:9,19 36:25 37:16 41:9

**drilling** 9:3,11

**due** 41:12

**duly** 13:5

**duties** 32:18

**duty** 31:2

Ε

earlier 12:20 32:16 37:9

effect 8:14

effective 15:13

elaborately 10:5

**emergency** 23:17 39:18

establishes 11:22

emergency-type 6:24
emphasize 27:4
employ 25:25
<b>employed</b> 13:11,13
<b>employment</b> 13:16 14:4 15:4 16:16 17:9 19:23
encompass 23:12
end 21:12 28:5 50:22
<b>ends</b> 43:6
Energy 4:5,15 15:11 19:5 43:14 44:3
enforcement 32:19
enforcements 18:11
engaged 9:3
engineer 13:15 29:6
engineering 47:12
ensure 39:18
Enterprises 11:23
<b>entities</b> 11:11 24:22,23 43:7
<b>entitled</b> 14:9,20 16:13 19:5
entity 5:18 9:6 11:12
Entrata 11:24
<b>entry</b> 29:24
environment 8:14 36:11
environmental 46:21
equipment 22:4 23:14 43:20
erred 34:23

essential 48:23

25:4

essentially 10:8 24:4

establishes 11:22
estate 4:15
evolved 22:6
<b>exact</b> 31:17
<b>EXAMINATION</b> 13:3 47:25
examined 13:6
Examiner 50:4
exceeds 46:6
<b>excuse</b> 6:23 14:2 27:21
excused 49:22
exhibit 13:22 14:16,24 15:1,6,15,18 16:9,13,24 17:1,4,14,17,20 18:2,21, 23 19:1,10,13,16 20:3,5 21:16 26:18,24 27:9,11, 20 36:25 37:4,6,16,23 38:1
<b>exhibits</b> 14:10 17:20,21, 23 20:8
exigent 50:18
existing 15:25
exit 29:24
expect 50:8
expedite 38:21
expensive 47:17
<b>experience</b> 40:16 44:23 48:15
expert 43:1
expertise 46:7
explain 29:8
<b>explore</b> 34:19 41:20 46:23
<b>explored</b> 40:19,21

Index: flow..impacts

General's 4:11 health 50:23 36:3,10 50:4 flow 40:15 geologically 9:20 hear 5:3,8 7:22 8:6 50:4 flowing 7:19 George 4:14 **heard** 44:19 flows 36:1 **give** 31:13 34:7 45:3 hearing 4:5 5:25 6:7,14 10:17,24 11:2,4 12:12 flu 13:25 qoing-forward 25:8 13:22 14:5,7,10,11,16,24 focusing 23:5 **good** 4:3 13:8,9 31:3,6 15:1,6,15,18 16:9,13,24 17:1,4,14,17,19 18:2,21, follow 33:16 45:21 **grant** 41:4 23 19:1,10,13,16 20:3,5, forgive 6:10 9:1 38:13 granted 4:25 12:18 46:8 8,10 21:16 26:18,24 **form** 40:23 **Greentown** 28:6 44:9 27:9,11,19 34:5 36:21,25 37:4,16,23 38:1,5 48:19 **formal** 25:10 ground 35:3 50:4 forward 7:17 31:4 **groups** 7:13 heaviest 35:12 forwarded 16:3 **guess** 41:13 helpful 34:12 found 15:14 21:21,25 quesstimate 38:25 **HFO** 25:7,16 39:14 Hill's 21:11 42:15 Н foundation 24:6 history 12:4 frame 45:4.23 half 39:15 Hofmann 4:14 **frank** 8:23 **Hammer** 4:3,7,16,21,24 hold 30:25 front 50:2 5:7,11 7:20 8:5,8,20,24 hope 5:12 9:5,9,16 10:18,23 11:5, 15 12:7,16,19 13:1,23 G **Horse** 10:20,22 18:5,14 14:25 15:19 16:5,8,25 28:6 31:17 32:8,23 17:16,24 18:22 19:12 gap 28:8 33:10,12,16 20:4 23:24 24:3 25:3,15 gas 4:20 5:15,17,20,23 hypothetical 49:6 26:14,19 27:10,21 32:11 6:2,3 7:13,16,18 9:2,8 37:1,5,24 38:6,9 41:7 12:18 23:15 25:18 28:6 43:9 44:13 45:9.24 46:5 ı 29:16,18,21 30:1,11 47:3,15,21 49:21,25 35:3,23 36:1,3 40:15 50:6,11,20 **ID** 32:25 43:6 46:10,15,19,24 hand 6:1 30:25 identification 14:16 15:2 47:2,4,10 50:3 16:10 17:2,18 18:4,24 handed 14:7 gated 21:7 19:2,14,17 20:6 26:24 **happen** 50:15 27:12.19 38:2 gathering 28:15 42:12 happened 12:5 26:2 identify 22:18 23:15 gauge 43:24 happening 26:9 immediately 40:15 **gauges** 23:13 hazardous 20:19 26:3 impacts 8:15 general 4:19 28:24 34:3

Index: impetuslocke	Index:	: impetus	loc	ked	t
---------------------	--------	-----------	-----	-----	---

impetus 24:6	interim 19:3,6 21:17,21,	kind 29:25 38:13 39:21
important 30:23,24 33:22	24 22:9 23:2,6,9 24:20 25:1,25 26:5 39:8,11,13, 25 40:25 46:1	knowledge 16:21 24:13 44:4
imposition 26:3	interrupt 12:16	
improvements 45:25	intervene 5:4,6,14 6:13	L
including 22:12	7:6	late 4:18 5:13
incorporate 50:15	intervention 4:25 7:23	launcher 21:14
index 14:12	8:1 50:16	<b>lay</b> 24:6
indicating 32:23	intrastate 32:19 42:11	layman's 29:9 41:6
indication 31:6,13	investigating 11:20	laywoman's 49:13
indulge 29:5	involved 24:22	leak 22:11,12,14,16,17
industry 25:24	involving 5:19 6:9 7:12	23:5,11,16
information 11:22,25	issue 6:1,9 9:14 10:8	leaks 22:18
38:23 40:5 45:5	11:18 24:4 42:17 46:21 50:3	learning 38:13
informed 10:15	issues 7:2 12:11 22:1,2	left 26:19 29:16,18
infrastructure 42:6,7,18	41:22 45:17	legal 41:2
initial 22:12		legitimate 10:9
initiative 41:25	J	lengthy 45:14
inspect 31:4 42:7,9,12,	<b>James</b> 11:23	letter 32:22
	<b>Jeep</b> 35:13	limit 33:5,6
inspecting 42:5 inspection 18:11 31:13	Jeffrey 4:13	limited 6:24 8:23 24:12 47:24
32:19 43:15 45:18	Jimmy 12:23 13:4,14	<b>lines</b> 46:9
inspections 44:25	JMD 11:1	list 12:11
install 33:11,16	JND 11:23	literally 23:13
insufficient 21:22,25 23:3 39:15	juncture 10:6	litigation 7:12
intend 5:2 49:23	June 16:14 17:6 21:2	live 35:11
intent 25:19,21	jurisdictional 41:17	<b>LLC</b> 10:22 11:24 31:18
intention 10:13,24		local 8:15
interconnect 21:4 28:11,	K	located 21:4
21 42:22		location 35:7,9,10
	keeping 42:1	leeked 20.44 42.22
<b>interests</b> 7:15 10:7		locked 29:14 43:23

Index: long..observations 37:9 motion 5:4,14 12:17 **move** 5:6 15:18 16:24 17:14,21 18:21 19:9,16 20:2,12 25:22 27:8 31:4 36:23 37:23 50:12 moved 6:2 21:8 50:16 Ν **natural** 6:5 23:14 29:17, 21 46:18,19,24 47:9 nature 34:1 48:20 necessity 24:19 **needed** 22:4,11 34:16,20 45:4 negotiated 24:8 nitrogen 29:22 46:16 normal 30:7 Northwest 21:4,7 28:10, 19,21 42:21,22 note 4:25 17:19 25:11 **noted** 28:24 **notice** 10:13 16:2,3 noticed 4:5 notification 15:8 number 18:4 26:20 33:11 37:4 0

long 38:16 39:15,23 40:10 44:16,20,24 45:16 47:14

**longer** 15:12

**lot** 22:25 23:1,12

**love** 41:11

M

**made** 48:12

maintained 34:22

maintaining 31:25

maintenance 30:17

35:17

**make** 7:6 8:2,10 11:8 35:7 37:20 41:3 50:21.23

**makes** 36:19

making 31:20 45:25

mandate 6:22 50:23

manner 30:20 32:6

**manuals** 44:25

**March** 14:18

mark 26:18,21 36:24

37:5

marked 14:16,19 15:2,6 16:10,13 17:2,18 18:24 19:2,14,17 20:2,6 21:15 26:23 27:12,19 37:16

38:2

matter 4:5 5:19,25 7:22

29:2

matters 9:7 12:14

**maximum** 34:6,7,13

meaningful 31:20

means 35:10 41:16

mechanism 29:25

**medium** 29:22

meet 23:3 26:13 33:7

meetings 24:23

memorandum 14:20

17:23

mentioned 25:24

methods 34:16

Michael 4:7

microphone 14:1

Mike 4:23

miles 22:17 47:8

million 34:14

mind 24:1

**minds** 8:16

minimum 22:11 26:12,13

42:2 45:8

Mining 4:6,15,20 5:16,17

7:16 9:2 12:18 15:11 19:5 43:14 44:3 50:3

minute 23:25 32:8

**Moab** 5:23 7:15 16:1

21:5,9 35:11

modifications 30:10

moment 13:21 30:21

32:9

**moments** 32:13

**monitored** 22:13,15

monitoring 19:3,6 21:18, 21 22:10 23:9 24:7,14,20

25:1,4,12,19,22 26:1,5,

12 46:2

month 39:1

morning 4:3 8:4 13:8,9

**object** 41:1,5

objection 7:23,25 8:7

observation 20:24 42:19

observations 28:1

## Hearing December 19, 2019

Index: observe..perform

operator 9:7 10:22 15:7, **observe** 28:14,20 43:21 **packed** 25:18 12,24 16:2 18:4,14 25:12 observed 21:3,6,8,10 packet 27:3,5,6 26:7 30:25 31:7,18,19,23 42:24 43:22,24 paperwork 48:25 49:2 32:7,25 33:2,9,13 35:1 obtained 26:4 38:15,24 39:5,24 40:22 **Paradox** 15:13 19:3 41:12,19,23 42:11,12 occur 6:23 20:14 21:22 43:16 44:17,24 45:5,10, October 23:20 27:1 paramount 8:16 17.19 48:13 49:3.6.10 offered 41:18 paraphrase 22:11 operator's 20:23 32:3 44:24 offhand 34:11 **Pardon** 33:15 operators 25:23,25 32:5 Office 4:11 part 20:9 22:23 31:24 32:17 33:19 37:14 **officer** 4:3,8,16,21,24 5:7 **OPID** 15:8 18:3,4,18 6:14 7:20 8:5,8,20,24 33:3,4,9,11 participate 5:2 10:13,16, 9:9,16 10:18,23 11:5,15 24 11:2 12:10,18 14:15, **opinion** 38:17 41:20 19 17:10 19:22 27:15 12:7,19 13:1,23 14:25 44:17,23 45:13 46:2,13 15:19 16:5,8,25 17:16,24 47:16 **participated** 13:17 48:16 18:22 19:12 20:4,10 option 29:4 34:24 35:5,8 participation 7:24 8:1 23:24 24:3 25:3,15 46:22 47:1 26:14,19 27:10,21 32:11 parties 4:17 5:9 7:22 36:21 37:1,5,24 38:5,6 options 34:20 40:18 10:11 12:8 13:24 26:11 41:7 43:9 44:13 45:9,24 46:17,23,25 36:21 38:5 39:9 46:5 47:3,15,21 48:19 order 8:18 9:14,15,17 partners 16:1 49:21 50:6,11 12:11 17:6 20:20 26:3 **pass** 13:21 oil 4:20 5:15,17 7:16 9:2, 31:21 34:3 36:16 44:17 3.10 10:22 12:17 18:14 passed 27:25 37:20 45:11 49:17 28:6 31:17 44:9 50:3 pathotic 22:12,18 ordered 25:16 28:25 onerous 45:13 Patricia 4:10 6:11 outdoor 35:12,14 ongoing 26:8 patrol 22:22 outstanding 28:23 38:17 online 41:21 48:8 patrolling 22:14,22 onsite 31:1 Overruled 41:7 **PEMC** 10:15 11:8,22 open 14:9 40:14 15:7,12 19:11 48:3,7,11, owner 9:8 12,16 operated 30:19 42:8 ownership 7:1 penalties 33:23 34:2 operating 25:8 31:3,14 owns 11:18,22 32:6 penalty 8:19 34:6,7,13 operation 21:1,2 35:17 Ρ **people** 35:10,14 operational 40:14 Perfect 26:21 28:17 Pacific 4:5,15 15:11 19:5 operations 9:11,17 perform 22:3,5,6 23:11 43:14 44:3 20:18,22 25:17 30:7 38:20 49:4

	December 19, 2019	index. periorinedprocedures
performed 22:17,19	34:18,22,25 35:2,3,7,11,	44:22
permission 13:21	14,15,22 36:1,2,7,9,13 37:10 38:24 39:18 40:9,	prepared 12:10 13:22 16:18
<b>Permit</b> 15:19	20,23 41:12,21 42:1,5,21	
permitted 10:16 25:1	43:1,4,5,7 44:1 45:23	preparing 14:19
perpetuity 7:5	46:16 47:4,7 49:11,12,16	prescriptive 24:14
personal 16:21	pipeline's 21:3	present 4:17 10:2,11
personally 44:6	pipelines 32:19	12:8
perspective 6:5 9:21 41:6	<b>place</b> 4:5 21:2 28:9 38:15 39:21,24	presiding 4:3,8,16,21,24 5:7 7:20 8:5,8,20,24 9:9, 16 10:18,23 11:5,15
pertinent 25:14	<b>plan</b> 21:24 23:2 24:20 26:13 39:8,11,13,14,25	12:7,19 13:1,23 14:25 15:19 16:5,8,25 17:16,24
phalange 30:10 40:12	40:6 46:2	18:22 19:12 20:4 23:24
<b>phalanges</b> 28:9 40:13 43:4	<b>plant</b> 5:23 6:2 7:13 9:8 21:12 28:5 42:16	24:3 25:3,15 26:14,19 27:10,21 32:11 37:1,5,24
<b>PHMSA</b> 15:7,11 16:2	<b>play</b> 23:1	38:6 41:7 43:9 44:13 45:9,24 46:5 47:3,15,21 49:21 50:6,11
18:9 32:16,22 33:3,7	players 7:9	
photographs 26:25	plea 33:20	pressure 23:11,13 29:13
<b>physical</b> 28:3,7,14,17,21 42:20,23 43:3	<b>point</b> 8:4 21:11 31:16,17 33:22 41:17	43:24
physically 35:11		pressures 23:7 35:22
pick 23:14	points 8:3 23:7 27:3 28:22 29:24 42:18	pretty 40:2
pictures 37:15,21 42:20	policies 30:22	prevent 43:6
pig 21:6,14	position 29:14 40:15	previous 32:3
	43:22 45:12	previously 11:2
pin 23:25	possession 15:22 16:7	primarily 9:10
pipe 22:20 28:8	possibility 22:9	principal 7:10
<b>pipeline</b> 5:21 6:9,16 7:2, 8,17 9:11,18 10:10	possibly 46:3	proactive 31:7
11:18,24 13:14,15 15:13,	powers 12:2	problem 45:21
25 16:19 18:10 19:3,6 20:14,18 21:7,11,13,17,	preference 5:4,5	procedural 24:4
21,22 22:3,7,18,23 23:1, 14,16,20 24:7,16,22	preliminary 12:13 13:10 47:16	<b>procedure</b> 22:4 39:21 45:6
25:7,12,13,16,22,25	premarked 37:4	procedures 24:15 29:20
26:5,9 27:15 28:5,12,13, 14,18,19,22 29:3,16,18,	preparation 17:10 19:22	30:23 31:2,3,5,22,24
21,25 30:1,6,11,19 31:3,	prepare 13:19 37:15,16	32:2,3 33:11 34:21 35:17 38:19 39:16 48:22 49:4
8,15,18,25 32:6 33:5	picpaic 13.18 37.13,10	

proceeding 5:3 7:1 11:18 purged 29:17 46:9 receivership 40:23 48:16 50:16 **purging** 46:10,12 receiving 21:7 40:4 process 24:21 39:4 purpose 6:13 24:9 recess 32:12 50:14,19 recognize 35:21,25 46:7 purview 50:25 producer 5:20 put 23:25 26:23 28:9 recollection 23:8 32:2 production 35:23 29:24 38:22 recollections 28:2 professional 45:13 putting 26:17 46:24 recommendation 42:2 program 19:3,5,6 21:18, 49:16 21 22:10 23:6,9 24:7 Q recommendations 25:10 25:1,4,12,19,22 26:1,5 question 8:25 10:7 15:20 recommending 36:6 progress 31:20 24:1 32:8 35:24 39:23 record 4:4 6:20 10:5 11:8 prohibitively 47:17 41:1,6,14,18 44:20 45:10 12:17 24:8 40:9 proposed 50:19 46:6 50:13 recorded 23:7 protect 7:15 48:23 49:17 **questions** 7:21 13:10 records 22:6 30:16,18,22 14:12 20:14 23:22 28:1 protecting 22:21 31:5,6,8,10,12 32:18 36:19,20 38:4,5,8 40:18 protection 22:13,19,21 34:21 45:17 48:21,22 43:8,10 44:14,16 47:22 48:3 49:5,20 **proven** 33:21,22 recreation 35:12 quicker 39:2 provide 23:1 26:8 35:1 redirect 47:23 49:19 quickly 37:19 38:21 **reduction** 29:12,13 provided 10:12 12:11 49:11 15:11 22:13,15 30:18 redundant 44:15 31:12 refer 9:2 R providing 14:15 reference 24:9 provision 24:14 raised 8:3 **referring** 28:10,12 proximity 7:14 ramifications 46:10 regard 20:15 **prudent** 31:7 33:13 range 38:25 registered 11:3 38:15,24 39:24 40:22 reading 23:10,12 41:11,19 44:17,24 registry 15:7 reason 5:18 7:10 **PSC** 50:15 regular 5:24 30:7 49:12 recall 28:3 32:22 33:24 **public** 4:11 6:14 8:12.13. regulation 40:7 41:25 34:1 37:12 48:3 49:6 17 10:8 12:9 13:13 14:10 regulations 24:17 25:14 15:22 25:6 29:3 35:18,19 receive 16:2 32:1 34:21

38:23 45:17

received 11:22 18:9

21:24 39:13 40:1,6

36:10,14 44:21 46:7

purge 29:20

48:23 49:17 50:17,23

33:17 34:9

remain 29:14

relief 6:2,17 33:20 50:24

Index: remained..served

remained 25:18	42:9	
remaining 29:16	reservoir 9:24 35:22 36:4	<b>S</b>
remedy 44:18 50:24	residual 29:16	<b>Safari</b> 35:13
remember 32:20	resigned 48:12	safe 30:19 31:8 32:6
removal 40:12,13	resource 6:6	34:17 36:9,10,13 42:1
remove 43:3 47:9	resources 11:1,24 31:1	safely 31:15
removing 30:10	46:19 49:14	safety 7:2 8:12,17 10:8
renew 49:11	respect 6:1,4 10:2 11:12, 17 39:10 40:19 41:17	13:14,15 16:19 18:10 23:1 29:3 35:16,19 36:14
rephrase 32:8 33:15	42:4,17 44:20 50:3	40:23,24 41:22 49:17
replace 29:21 43:5 46:16	responded 24:20	50:18,24
report 17:5 26:8	responding 17:5	sake 40:9
reporting 33:8	response 14:17,21 19:18	satisfied 25:6
represent 4:14 26:24	20:19 39:18	scenario 7:3
representative 43:13	responsibilities 18:10	scheduled 5:24
44:9	responsibility 25:13	scheduling 12:11
representatives 44:3	restate 35:24 41:14	<b>Schmid</b> 4:10 7:24,25 8:9, 11 11:1 12:14,22 13:7,20
representing 5:15	restore 40:15	14:3,8,23 15:3,17 16:11,
represents 15:12 18:13	restored 30:6,9	23 17:3,13,19,25 18:1,
42:25	restoring 40:14	20,25 19:9,15 20:1,7 23:24 24:2,4,12 25:9,21
request 13:21 14:17,21, 24 18:3,18 19:19 20:13	restriction 11:11	26:16,21,22 27:8,13,18,
31:23 33:2,11 34:4,5,24	result 25:2 26:6 35:23	23,24 32:9,13,15 36:18 37:3,7,8,22,25 38:3 41:1
35:5 36:16 41:4 46:8	results 20:25	47:23,24 48:1
requested 6:18 33:20 34:2	review 21:15,19 22:1	secondarily 7:11
requesting 8:18 32:24	27:5,6 38:18,21,23 39:4, 6 44:21 45:4 46:25	section 16:19
requests 8:1	reviewed 31:9 39:14	sector 13:14
require 39:16 44:17	reviewing 39:3	secured 29:15 43:23
45:14	road 21:5	sensitive 5:12
required 25:5 29:3,4	role 8:22	separate 29:25
30:13 33:2,14 36:3 42:1	room 5:1 11:4 12:8	separation 28:4,7,14,17,
45:1,11 46:1	royalties 8:15	21
requirement 25:4	rules 33:17	served 19:4
requires 24:10 29:13	iules 33.17	

tie-in 21:11 42:18 violation 33:8 48:8 U tie-ins 42:5 violations 28:24 38:17 40:24 44:18 45:2,16 time 4:4,22 9:15 10:2 unavailable 9:11,18 48:20,21 12:6 31:13 33:4,5 36:15, uncured 28:25 19 38:18 39:5 40:4 45:3, visit 23:19 27:1,15 28:2 understand 6:8.15 24:8 6,8,10,14,18,23 31:9 37:10,14 42:5 25:21 26:15 38:14 39:11 43:17,19,25 44:11 title 13:11 45:9.12 visits 28:20 today 7:24 8:1,19 10:11 understanding 25:16 11:4 12:12 20:9 48:16 vital 6:5 50:2 **top** 28:4,5,12,13 **voice** 14:2 understands 7:7 50:22 town 7:14 volition 32:24 **Understood** 8:24 11:15 training 30:23 **volume** 47:4,8 25:3 47:21 transactions 12:3 undertakes 26:7 W transmission 21:14 **undo** 12:3 28:15 42:10,11,15,23 unsafe 25:18 waive 24:19 43:5,7 untenable 7:4 walk 23:13 transportation 43:6 up 6:7 12:1 23:14 39:4 waste 6:5,23 8:14 46:18 transporting 30:11 43:21 47:13 48:15 water 29:22 46:17 **Trousdale** 4:13 8:6,7,20, **update** 16:14 ways 46:15 22 11:7,16,20 43:9,10,12 **Utah** 4:11 7:9 24:10 48:2 50:8.10 **weigh** 10:7 utilities 4:12 8:12,13 truck 46:15 47:2 wells 5:22 28:6 36:4 12:9 13:14 14:10 15:22 trucking 46:23 47:5 **Wesco** 5:19,25 6:2 9:3,5, 25:6 44:21 10,17 21:10,11 42:8,11 truckloads 47:9 43:7 true 15:10 18:13 22:8 V 48:6,10,20 Wesco's 9:21 42:7,18,21 **valve** 21:9 west 21:4 trustee 4:14 10:16 11:9, valves 29:14 40:14 43:22 13 12:3 word 20:23 25:10 32:24 turn 16:12 17:4 18:2 19:1 vent 46:14 47:1 work 30:16,17,24 42:9 22:1 26:16 34:8 38:6 49:3,4 venting 35:23 36:3 46:20 **Turning** 33:19 workable 39:8,25 verification 27:1 type 22:3,4 38:20 wrong 39:19 verify 20:24 **typical** 39:16 versus 10:8 typically 30:15 38:16 view 50:17

Hearing December 19, 2019

	December 19, 2019	Index: yearyesterday
Υ		
year 23:20		
yesterday 4:18 5:13,18 50:17		