

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

STATE OF NEW MEXICO
ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

Docket No.
38-24

Case Nos. 24773, 24184, 24185,
24678, 24255, 24275, 24276,
24289, 24290, 24296, 24297,
24457, 24459, 24460, 24462,
24463, 24479, 24778, 24779,
24780, 24781, 24782, 24783,
24784, 24785, 24786, 24787,
24788, 24789, 24790, 24574,
24575, 24712, 24713, 24714,
24732, 24733, 24734, 24735,
24772, 24722, 24756, 24757,
24758, 24759, 24760, 24761,
24762, 24763, 24764, 24765,
24766, 24767, 24771, 24774,
24807, 24808, 24809, 24810,
24542, 24755, 24608, 24667,
24668, 24769, 24770, 24699,

1 24701, 24750, 24768, 24775,
2 24776, 24777, 24791, 24792,
3 24793, 24794, 24797, 24799,
4 24811

5 -----

6 HEARING

7 DATE: Thursday, September 12, 2024
8 TIME: 9:31 a.m.
9 BEFORE: Hearing Examiner Gregory Chakalian
10 LOCATION: New Mexico Energy, Minerals, and
11 Natural Resources Department
12 1220 South St. Francis
13 Santa Fe, NM 87505
14 REPORTED BY: Brett Torrence
15 JOB NO.: 6773977

16
17
18
19
20
21
22
23
24
25

A P P E A R A N C E S

List of Attendees:

Christy Trevino, Oil Conservation Division

Michael Feldewert, Holland & Hart LLP

Dean McClure, Petroleum Specialist EMNRD

Deana M. Bennett, Modrall Sperling Law Firm

Darin Savage, Abadie & Schill PC

Dana Hardy, Hinkle Shanor LLP

Sophia Graham, Beatty & Wozniak, P.C.

Jim Bruce, Representing Mewbourne Oil Company

Ben Holliday, Holliday Energy Law Group PC

Scott Morgan, Cavin & Ingram

Freya Tschantz, Law Clerk, EMNRD

Michael Rodriguez, Representing COG Operating LLC

Sharon Shaheen, Spencer Fane LLP

Jennifer L. Bradfute, Bradfute Consulting & Legal
Services

James Parrot, Beatty & Wozniak, P.C.

Adam Rankin, Holland & Hart LLP

Steven Green, Pinon Midstream CEO

David White, GOX Technical Expert

Patrick Westerheide, Pinon Midstream General Counsel

Million Gebremichael, Oil Conservation Division,
Petroleum Specialist

Jackie McLean, Hinkle Shanor LLP

1 A P P E A R A N C E S (Cont'd)

2 List of Attendees:

3 Jackie McLean, Hinkle Shanor LLP

4 Keri Hatley, ConocoPhillips, Senior Counsel

5 Cole Hendrickson, Witness, Geologist

6 Kevin Woolley, Witness, Landman

7 Mason Maxwell, Landman

8 Nicholas Angelle, Witness, Chevron Landman

9 Jordan Kessler, E.O.G. Resources

10 Victor Torrealba, Ph.D., Witness, Senior Production
11 Engineering Advisor at Chevron

12 Elson Core Suarez, Witness, Operations Geologist at
13 Chevron

14 Yula Tang, Ph.D., Witness, Chevron Reservoir Engineer

15 Dave Jarrett, Witness, Facilities Engineer

16 Parker Foy, Witness, Petroleum Geologist

17 Collin Christian, Witness, Landman

18 Erica Shewmaker, Witness, Tap Rock Landman

19 Madai Corrall, OCD Law Clerk

20 Sheila Apodaca, OCD Law Clerk

21 Lizzy Laufer, Landman

22 Eli DenBesten, Geologist

23 Braxton Blandford, Landman

24 Justin Roeder, Geologist

25 Jason Parizek, Geologist

1 A P P E A R A N C E S (Cont'd)

2 List of Attendees:

3 Andrew Lloyd (by videoconference)

4 Baylen Lamkin (by videoconference)

5 Blake Jones (by videoconference)

6 Carl Chavez (by videoconference)

7 Don Johnson (by videoconference)

8 Phillip Goetze, EMNRD (by videoconference)

9 Sara Griego, EMNRD (by videoconference)

10 Jack Yates (by videoconference)

11 Stephen Janacek (by videoconference)

12 John Harper (by videoconference)

13 Kaitlyn Lopez (by videoconference)

14 Leonard Lowe (by videoconference)

15 Matt Van Wie (by videoconference)

16 Matthew Langhoff (by videoconference)

17 Mike Gregory (by videoconference)

18 Mike Wallace (by videoconference)

19 Patrick Walter (by videoconference)

20 Ryan Curry (by videoconference)

21 Beth Ryan, LDZX (by videoconference)

22 Sophia Guerra (by videoconference)

23

24

25

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

I N D E X

				PAGE
OPENING STATEMENT	By Ms. Trevino			14
WITNESSES:		DX	CX	RDX RCX
DAVID WHITE				
	By Mr. Gebremichael	100		117
	By Mr. Rankin		115	
VICTOR TORREALBA, PH.D.				
	By Mr. Rankin	178		
YULA TANG, PH.D.				
	By Mr. Rankin	195		

E X H I B I T S

NO.	DESCRIPTION	ID/EVD
Case No. 24773:		
Exhibit 1	CV Nicholas Karns	20/22
Exhibit 2	NOV	20/22
Exhibit 2A	Permitting Report	20/22
Exhibit 2B	Inactive Well, Additional Financial Insurance Report	21/22
Exhibit 2C	C-115 History Report	21/22
Exhibit 2D	Final Order	21/22
Exhibit 2E	Civil Penalty Calculator	21/22
Exhibit 3	Certified Mail Notice NOV Affidavit Sheila Apodaca	21/22
Exhibit 4	Supplemental Exhibit Certified Mail Docketing Notice	21/22
Exhibit 5	Supplemental Exhibit Steve Oldfield Response	17/22
Case No. 24755:		
Exhibit A	Self-Affirmed Statement David Green	97/99
Exhibit B	Self-Affirmed Statement David White	97/99
Exhibit B1	Supplemental Exhibit/Chart	118/118

1	E X H I B I T S (Cont'd)		
2	NO.	DESCRIPTION	ID/EVD
3	Case No. 24755 (Cont'd):		
4	Exhibit C	Self-Affirmed Statement	
5		Adam Rankin	98/99
6	Exhibit D	Affidavit of Publication	98/99
7			
8	Case No. 24608:		
9	Exhibit A	Unidentified	120/121
10	Exhibit B	Unidentified	120/121
11	Exhibit C	Unidentified	120/121
12			
13	Case Nos. 24667 and 24668:		
14	Exhibit A	Compulsory Pooling Checklist	124/126
15	Exhibit B	XTO Application	124/126
16	Exhibit C	Unidentified	124/126
17	Exhibit D	Unidentified	124/126
18	Exhibit E	Unidentified	124/126
19	Exhibit F	Unidentified	124/126
20			
21	Case Nos. 24769 and 24770:		
22	Exhibit A	Unidentified	127/128
23	Exhibit B	Unidentified	127/128
24	Exhibit C	Unidentified	127/128
25	Exhibit D	Unidentified	127/128

E X H I B I T S (Cont'd)		
No.	DESCRIPTION	ID/EVD
Case Nos. 24769 and 24770 (Cont'd):		
Exhibit E	Unidentified	127/128
Exhibit F	Unidentified	127/128
Case No. 24699:		
Exhibit A	Compulsory Pooling Checklist	130/131
Exhibit B	Application Filed	130/131
Exhibit C	Self-Affirmed Statement	
	Lizzy Laufer, Landman	130/131
Exhibit D	Supplementary Statement	
	Parker Foy, Geologist	130/131
Exhibit E	Statement of Timely Notice	131/131
Exhibit F	Affidavit of Publication	131/131
Case No. 24750:		
Exhibit A	Self-Affirmed Statement	
	Kevin Woolley, Landman	134/139
Exhibit A1	Ownership Interests	134/139
Exhibit A2	Chronology of Contacts	134/139
Exhibit A3	C102s	134/139
Exhibit A4	Well Proposal Letter	135/139
Exhibit A5	Notice Letter	135/139

1	E X H I B I T S (Cont'd)		
2	NO.	DESCRIPTION	ID/EVD
3	Case No. 24750 (Cont'd):		
4	Exhibit B	Self-Affirmed Statement	
5		Cole Hendrickson, Geologist	135/139
6	Exhibit C2	Affidavit of Publication	136/139
7			
8	Case No. 24768:		
9	Exhibit A	Unidentified	143/144
10	Exhibit B	Unidentified	143/144
11			
12	Case Nos. 24775, 24776, and 24777:		
13	Exhibits	Exhibit Packet	146/146
14			
15	Case No. 24791:		
16	Exhibit Packet	Affidavit Justin Roeder,	
17		Geologist, Affidavit Braxton	
18		Blanford, Landman	147/148
19	Exhibit A3	Ownership Information	147/148
20	Exhibit C	Notice Affidavit	148/148
21			
22	Case Nos. 24792 and 24793:		
23	Exhibit A	Compulsory Pooling Checklist	150/154
24	Exhibit B	Application	150/154
25			

1	E X H I B I T S (Cont'd)		
2	NO.	DESCRIPTION	ID/EVD
3	Case Nos. 24792 and 24793 (Cont'd):		
4	Exhibit C	Self-Affirmed Statement	
5		Nicholas Angelle, Landman	150/154
6	Exhibit C1	Supporting Documents	150/154
7	Exhibit C2	Supporting Documents	150/154
8	Exhibit C3	Supporting Documents	151/154
9	Exhibit D	Affidavit Jason Parizek,	
10		Geologist	
11	Exhibit D1	Supporting Documents	151/154
12	Exhibit D2	Supporting Documents	151/154
13	Exhibit D3	Supporting Documents	151/154
14	Exhibit D4	Supporting Documents	151/154
15	Exhibit D5	Supporting Documents	151/154
16	Exhibit E	Notice	151/154
17	Exhibit F	Notice by Publication	151/154
18			
19	Case No. 24794:		
20	Exhibit A	Copy of Application	158/
21	Exhibit B	Statement of Project Engineer	158/
22	Exhibit C	Suarez Testimony	158/
23	Exhibit D	Tang Testimony	159/
24	Exhibit E	Notice Exhibit	159/
25	Exhibit F	Notice Exhibit	159/

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

E X H I B I T S (Cont'd)

NO.	DESCRIPTION	ID/EVD
Case No. 24797:		
Exhibit A	Affidavit of Landman	210/210
Exhibit B	Notice	210/210
Case No. 24701:		
Exhibit A	Application	230/232
Exhibit B	Compulsory Pooling Checklist	231/232
Exhibit C	Affidavit of Landman	231/232
Exhibit D	Testimony of Geologist	231/232
Exhibit E	Notice of Mail	231/232
Exhibit F	Notice of Publication	231/232
Case No. 24811:		
Exhibit A	Self-Affirmed Statement Erica Shewmaker, Landman	239/240
Exhibit B	Self-Affirmed Statement Eli DenBesten,	239/240
Exhibit C	Self-Affirmed Affidavit Jennifer Bradfute	239/240

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

P R O C E E D I N G S

THE HEARING EXAMINER: -- this is the regular docket. It is the only regular docket that the Division is conducting this month. That's because the second docket was pre-empted by a trial in front of the oil conservation commission that was now postponed till February it's my understanding.

So hopefully there's no inconvenience there, but we are holding three regular dockets in October to make up for the missed regular docket this month. Also, there was a notice posted on the OCD website. I thought I would bring it to everyone's attention since much of the regular practitioners are here in Pecos Hall today. That notice is about how we're going to divide up regular dockets starting in November.

Regular dockets will be divided into status conferences and hearings by affidavit so that we can consolidate the work for technical examiners and conduct more special dockets. So wanted to bring that to everyone's attention. Does anyone have any question about that before we go into our first hearing? No. Okay. Excellent. I'm calling the first case on our docket. It is actually not a status conference. It is a hearing by affidavit, prosecuted

1 by the Oil Conservation Division in case number 24773,
2 Entries of appearance, please?

3 MS. TREVINO: Christy Trevino for the
4 Oil Conservation Division.

5 THE HEARING EXAMINER: Good morning.

6 MS. TREVINO: Good morning.

7 THE HEARING EXAMINER: Is the
8 respondent available?

9 MS. TREVINO: That would be Mr. Steve
10 Oldfield.

11 THE HEARING EXAMINER: How do you say
12 the last name?

13 MS. TREVINO: Oldfield.

14 THE HEARING EXAMINER: Can you spell it
15 for the court reporter?

16 MS. TREVINO: O-L-D-F-I-E-L-D.

17 THE HEARING EXAMINER: Mr. Oldfield,
18 are you present? If not, we're going to continue
19 without you.

20 Ms. Trevino?

21 MS. TREVINO: We have a brief opening
22 statement to lay the land as we're going to be
23 presenting testimony by affidavit.

24 THE HEARING EXAMINER: Please.

25 MS. TREVINO: This case involves

1 violations regarding 12 wells owned and operated by
2 the respondent, Bar V Barb. So far this case is
3 uncontested. Bar V Barb has not filed any pre-hearing
4 statements or evidence to offer that they are in
5 compliance with our rules. All 12 wells are out of
6 compliance with 19.15.25.8. Thus out of compliance
7 with 19.15.59(a) and 10 of the wells are subject to an
8 OCD plugging authority under R-21756. There are two
9 wells not included on that order and that is why we're
10 here today is to include those two wells.

11 The operator currently lacks sufficient
12 financial assurance for three of the wells under
13 19.15.8.9 and has not filed any C-115s for any wells
14 since at least September of 2019 as required by
15 19.15.7.24. OCD will present testimony and notices by
16 affidavit to substantiate OCD's request that the
17 operator be required to plug and abandon the 12 wells
18 or in the alternative grant OCD authority to plug and
19 abandon those wells.

20 THE HEARING EXAMINER: For the record,
21 would you give me a little bit more information about
22 the original order and adding these two wells?

23 MS. TREVINO: Yes. So the original
24 order covered, I believe, 15 wells and for whatever
25 reason these two wells were not included on that order

1 and so we're bringing this notice of violation on all
2 the wells because they still haven't been -- that
3 order wasn't complied with by the operator.

4 THE HEARING EXAMINER: When was that
5 order issued?

6 MS. TREVINO: If I could have a moment?
7 June 24, 2021.

8 THE HEARING EXAMINER: Was there a
9 hearing?

10 MS. TREVINO: Yes. There was a
11 hearing.

12 THE HEARING EXAMINER: All right. And
13 how are you proceeding today?

14 MS. TREVINO: Today we're going to be
15 proceeding by affidavit. We sent the NOV on July 23,
16 2024 via certified mail and email.

17 THE HEARING EXAMINER: Mm-hmm.

18 MS. TREVINO: We had no response from
19 the operator at that time. On August 9th, we had
20 filed the docketing notice and again no response was
21 made. On September 5th, last week, we filed a pre-
22 hearing statement and exhibits and at that time no
23 immediate response was had. However, on September
24 9th, the operator and agent of Bar V Barb, Steve
25 Oldfield, had responded which is two days before this

1 hearing. And to kind of go back on the last hearing
2 that this division had in 2021, Mr. Oldfield was not
3 present, did not respond to any of those notices, and
4 that's been three years now.

5 THE HEARING EXAMINER: And when he
6 responded on the 9th, what did he say?

7 MS. TREVINO: In his response, he
8 claimed that he was not the owner and that he had
9 transferred assets to another individual. We did our
10 best and our due diligence in contacting the
11 individual and upon that investigation nothing came of
12 it. All the information that he presented wasn't
13 valid and so we're going to move forward with the
14 hearing today.

15 THE HEARING EXAMINER: Do you have a
16 copy of his response?

17 MS. TREVINO: Yes. That'll be labeled
18 Exhibit 5 and that's pages 38 and 39.

19 (Exhibit 5 was marked for
20 identification.)

21 THE HEARING EXAMINER: Is that a
22 supplemental exhibit or is that in the original
23 exhibit packet?

24 MS. TREVINO: It's a supplemental
25 exhibit. Would you like me to put it on the screen?

1 THE HEARING EXAMINER: Yes, please.

2 MS. TREVINO: We filed the notice of
3 supplemental exhibit yesterday and I included that
4 Exhibit 5 and laid out the minor edits that I made to
5 the package and here's the response.

6 THE HEARING EXAMINER: Give me a minute
7 to read it. Can you go up a little bit so that I can
8 see where it's coming from? Thanks. And what did you
9 do with the bills of sale and the asset purchase
10 agreement?

11 MS. TREVINO: I did look it up, but I
12 didn't include it in these exhibits.

13 THE HEARING EXAMINER: Do you have a
14 copy of the bill of sale?

15 MS. TREVINO: I do.

16 THE HEARING EXAMINER: Can you put it
17 on the screen?

18 MS. TREVINO: I'm going to go ahead and
19 zoom in a little bit.

20 THE HEARING EXAMINER: When someone
21 transfers assets in this manner, what is their
22 requirement? OCD.

23 MS. TREVINO: It is the duty of the
24 operator to transfer the wells in our system. So Mr.
25 Oldfield would have had to do that. It's also the

1 duty of the person receiving the assets to work with
2 OCD in getting that transfer in our system. Neither
3 party has done that and this is dated May 10th. We
4 had a hearing shortly after.

5 In those documents I could not find any
6 indication that this had occurred at that time in
7 2021. No response was had. And based on Exhibit 5,
8 Mr. Oldfield did have notice he could've told us
9 earlier on in this process and we would've done all
10 that we could've at that time. And so we're here with
11 what we have, but it's not OCD's duty to ensure that
12 this transfer occurred or to do that without prior
13 knowledge.

14 THE HEARING EXAMINER: And when you say
15 that Mr. Oldfield had notice of the NOV and the
16 docketing statement, were those sent to the email that
17 he is sending this from?

18 MS. TREVINO: Yes.

19 THE HEARING EXAMINER: Okay. All
20 right. Please, proceed.

21 MS. TREVINO: I'm just got to put this
22 at the top.

23 THE HEARING EXAMINER: So are you
24 seeking to admit the exhibits into evidence?

25 MS. TREVINO: Yes. I am.

1 THE HEARING EXAMINER: Okay. Why don't
2 you make a formal request?

3 MS. TREVINO: Mr. Hearing Examiner, may
4 we admit Exhibits 1 through 5 into the record and the
5 affidavit supporting the evidence.

6 THE HEARING EXAMINER: And what are
7 Exhibits 1 through 5?

8 MS. TREVINO: Exhibit 1 is the
9 Curriculum Vitae of Mr. Nicholas Karns.

10 (Exhibit 1 was marked for
11 identification.)

12 And then Exhibit 2 is the Notice of
13 Violation.

14 (Exhibit 2 was marked for
15 identification.)

16 And we have an affidavit from Mr. Karns
17 to substantiate Exhibit 1 and Exhibit 2 and its
18 subsequent exhibits which are Exhibit 2A through
19 Exhibit 2E.

20 THE HEARING EXAMINER: What are those?

21 MS. TREVINO: 2A is the permitting
22 report.

23 (Exhibit 2A was marked for
24 identification.)

25 And then 2B is the inactive well,

1 additional financial insurance report.

2 (Exhibit 2B was marked for
3 identification.)

4 2C is the C-115 history report.

5 (Exhibit 2C was marked for
6 identification.)

7 And 2D is the final order.

8 (Exhibit 2D was marked for
9 identification.)

10 2E is the civil penalty calculator.

11 (Exhibit 2E was marked for
12 identification.)

13 HEARING EXAMINER: Okay. And are there
14 any other exhibits after 2?

15 MS. TREVINO: Yes. We're going to
16 request Exhibit 3 which is the certified mail notice
17 of the NOV with tracking information supported by the
18 affidavit of Ms. Sheila Apodaca.

19 (Exhibit 3 was marked for
20 identification.)

21 We have Exhibit 4 which is just to show
22 that we sent the docketing notice via certified mail
23 and emailing.

24 (Exhibit 4 was marked for
25 identification.)

1 We're not required to send that out
2 certified mail. That's just a supplemental exhibit as
3 well. And then Exhibit 5, which is the email from Mr.
4 Oldfield, showing that he did receive the notice and
5 he responded to the actual notice.

6 THE HEARING EXAMINER: Are there any
7 objections?

8 Mr. Oldfield, are you with us?

9 Not hearing any objections, your
10 Exhibits 1 through 5 and their sub parts are admitted
11 into evidence.

12 (Exhibit 1 through Exhibit 5 were
13 received into evidence.)

14 Is there anything further?

15 MS. TREVINO: No, Mr. Hearing Examiner.

16 THE HEARING EXAMINER: All right. This
17 case will be taken under advisement. Thank you, Ms.
18 Trevino.

19 MS. TREVINO: Thank you.

20 THE HEARING EXAMINER: Okay. Let's
21 move on.

22 You can stop sharing your screen.
23 Thank you.

24 Okay. The next order of business is
25 number 2 on our docket. It is joined with 3 and 4.

1 We have 24184, 24185, 24678, E.G.L. Resources.
2 Entries of appearance, please?

3 MR. FELDEWERT: Good morning, Mr.
4 Examiner. Michael Feldewert with Santa Fe office of
5 Holland & Hart for E.G.L. Resources, Inc. I'm also
6 appearing for MRC Permian Company.

7 MS. BENNETT: Good morning, Mr.
8 Examiner. Deana Bennett on behalf of the applicant,
9 Avant Operating in case 24678 and in the E.G.L. cases
10 as well.

11 THE HEARING EXAMINER: Good morning.

12 MR. SAVAGE: Good morning, Mr. Hearing
13 Examiner. Darin Savage with Abadie & Schill on behalf
14 of Cimarex.

15 THE HEARING EXAMINER: And which cases
16 are you interested in Mr. Savage?

17 MR. SAVAGE: These are the Bond cases,
18 24184 and 24185.

19 THE HEARING EXAMINER: You said the
20 Avant? Are those the E.G.L. cases?

21 MR. SAVAGE: Yeah. The E.G.L. bond.
22 Bond wells. Bond wells. I'm sorry.

23 THE HEARING EXAMINER: I understand.
24 Thank you. What is your interest in?

25 MR. SAVAGE: Monitoring and preserving

1 rights.

2 THE HEARING EXAMINER: Thank you. So
3 you didn't file any objections.

4 Are there any other parties?

5 MS. HARDY: Yes, Mr. Examiner. Dana
6 Hardy with Hinkle Shanor on behalf of COG Operating
7 and Concho Oil & Gas.

8 THE HEARING EXAMINER: Which cases are
9 you interested in?

10 MS. HARDY: The two Bond cases and the
11 Avant case.

12 THE HEARING EXAMINER: So all three
13 cases?

14 MS. HARDY: Yes. That's correct.

15 THE HEARING EXAMINER: You're
16 monitoring?

17 MS. HARDY: Correct.

18 THE HEARING EXAMINER: No objections?

19 MS. HARDY: No objections.

20 THE HEARING EXAMINER: Ms. Bennett, was
21 there an objection to Mr. Feldewert's cases?

22 MS. BENNETT: Yes. Avant and E.G.L.
23 have competing applications.

24 MS. GRAHAM: Excuse me, Mr. Hearing
25 Examiner. If I may enter my appearance as well?

1 THE HEARING EXAMINER: Thank you.

2 MS. GRAHAM: Sophia Graham on behalf of
3 Beatty & Wozniak representing XTO Energy.

4 THE HEARING EXAMINER: XTO. Thank you.
5 Are you monitoring?

6 MS. GRAHAM: Yes. We are monitoring
7 the Avant, Lobo Loco.

8 THE HEARING EXAMINER: Thank you. So
9 no objection?

10 MS. GRAHAM: Not at this time.

11 THE HEARING EXAMINER: Okay.

12 So Ms. Bennett, you were saying that
13 the cases are competing pooling applications?

14 MS. BENNETT: That's correct.

15 THE HEARING EXAMINER: All right. And
16 how did the parties want to proceed?

17 MS. BENNETT: Well, I had the
18 opportunity to speak with Counsel for E.G.L. just a
19 moment ago and my understanding is that E.G.L., based
20 on some recent communications with the BLM, will need
21 to file a re-propose certain wells and will need to
22 re-file pooling application. And given that
23 information, there may be a similar response to that
24 from Avant perhaps expanding its pooling applications
25 or application. So what Mr. Feldewert and I discussed

1 is the status conference on October 31st to at that
2 point understand more about the various new filings or
3 timeline of new filings that may need to occur and so
4 that's what he and I discussed is the status
5 conference on October 31st.

6 THE HEARING EXAMINER: And when was
7 your case filed?

8 MS. BENNETT: My case was filed -- it
9 was filed sometime ago. Let me just take a look and
10 see. It was filed on -- well, not that long ago
11 actually. June 11th.

12 THE HEARING EXAMINER: June 11th.

13 MS. BENNETT: But, there were some
14 other cases that were filed that have now been
15 dismissed and so there's been a lot of moving parts.

16 THE HEARING EXAMINER: And you filed
17 your case in response to the E.G.L cases.

18 Mr. Feldewert, when were your cases
19 filed?

20 MR. FELDEWERT: Cases were filed in
21 February, but I do need to clarify a couple things.

22 THE HEARING EXAMINER: Of course.
23 You'll have your opportunity. So February. Okay.

24 And I want to understand what you were
25 saying with the BLM, Ms. Bennett, I didn't understand

1 it. Would you say it again?

2 MS. BENNETT: I'm happy to say it
3 again, but I believe Mr. Feldewert might be in a
4 better position than I am to present that.

5 THE HEARING EXAMINER: Yeah. I'm not
6 asking you to speak for Mr. Feldewert, but I'm asking
7 you to address how the BLM consideration affects your
8 case?

9 MS. BENNETT: Well, the BLM
10 consideration doesn't affect the Avant cases, but
11 E.G.L.'s response to the BLM's information may in turn
12 trigger a new application filed by Avant based on
13 whatever E.G.L. files.

14 THE HEARING EXAMINER: I see.
15 Mr. Feldewert?

16 MR. FELDEWERT: So there's not Avant
17 cases, there's an Avant case; okay? And the only case
18 that it competes with is E.G.L.'s case 21484, which
19 involves the North half acreage; okay? Case 24185
20 involves the South half acreage was formally opposed
21 by MRC. The parties have reached an agreement. I
22 don't think Avant has an interest in that case. So
23 there's no other party opposing that particular case.
24 That case, we'd like to move forward on in October;
25 okay? So let's keep -- that's number 1. Number 2,

Page 27

1 the competing case is involved with North half acreage
2 and BLM has recently informed our client that the
3 surface location that had been previously approved by
4 the BLM, it now has to be moved because of the listing
5 of the sand dune lizard as an endangered species;
6 okay?

7 So they believe they have a site agreed
8 upon with the BLM. They're going to have their own
9 site with the BLM pretty shortly, but it's going to
10 require them to move their surface oil location which
11 therefore is going to require them to repropose the
12 well because they're going to need to add some
13 additional acreage, so now we have new parties that we
14 had to deal with in addition to Avant.

15 And so we are hoping to get the well
16 proposed and then the application filed perhaps for
17 the end of October docket, the October 31st docket;
18 okay? So what we had talked about is perhaps having a
19 status conference on these two competing cases at the
20 end of October. But again, I want to reiterate that
21 the case with South half acreage is uncontested and
22 we'd like to move forward, put that on the next docket
23 if we can.

24 THE HEARING EXAMINER: And that's up to
25 you of course.

1 MR. FELDEWERT: Yeah.

2 THE HEARING EXAMINER: So you mean move
3 forward by affidavit?

4 MR. FELDEWERT: Move forward by
5 affidavit. Yes, sir.

6 MS. BENNETT: Mr. Hearing Examiner, may
7 I briefly respond to that point?

8 THE HEARING EXAMINER: To the hearing
9 by affidavit in 24185?

10 MS. BENNETT: Yes.

11 THE HEARING EXAMINER: Yes. Please.

12 MS. BENNETT: Avant does own an
13 interest in the South half of Section 33 and 34 and so
14 Avant would, and if I haven't already I will, file an
15 objection to that case proceeding by affidavit. And
16 they have the right to object to it and the right to
17 have an uncontested case on the South half as well.
18 So there's no need to bifurcate the cases.

19 THE HEARING EXAMINER: I see. Okay.
20 And what would your objection be?

21 MS. BENNETT: At this point, I mean I
22 was not under the impression that we were going to
23 bifurcate the cases, so I can't say what the objection
24 would be. It could be to the development plan. I
25 haven't had a chance to discuss that with Avant

1 because I was not under the impression that the cases
2 would be bifurcated. But, irrespective of what the
3 objection would be, Avant as a working interest owner
4 in those sections has the right to object and a right
5 to have the case heard as a contested hearing.

6 THE HEARING EXAMINER: And when will
7 you file that objection?

8 MS. BENNETT: If I haven't already,
9 I'll file it today.

10 MR. FELDEWERT: I think they did file
11 an objection.

12 MS. BENNETT: Okay.

13 THE HEARING EXAMINER: Yeah. So there
14 was an objection?

15 MS. BENNETT: That was my intention was
16 to object to both cases and to object to both of them
17 proceeding by affidavit.

18 MR. FELDEWERT: If that's the case, I
19 mean then certainly we should bifurcate it. They
20 don't have a competing plan. Not sure why they're
21 objecting. And so I would like to proceed more
22 quickly with the South half, case 24185. They've
23 already filed their objection. We've already had a
24 status conference. So we'd like to get that one set
25 for an hearing in October and then we can deal with

1 the competing cases for the North half acreage at a
2 different time.

3 MS. BENNETT: Mr. Examiner, if I could
4 briefly respond?

5 THE HEARING EXAMINER: Yeah.

6 MS. BENNETT: Avant already has a
7 contested hearing set in October and we have another
8 set of contested cases later in the docket that I've
9 already worked with Avant on proposed October hearing
10 dates for, and so it would be unrealistic to expect
11 Avant to be able to handle three contested hearings in
12 one month.

13 THE HEARING EXAMINER: I see.

14 MS. BENNETT: So in my opinion or in
15 Avant's opinion, which I'm advancing, we should stick
16 to the plan of having a status conference on October
17 31st for all of the cases and then set a contested
18 hearing at that date.

19 THE HEARING EXAMINER: Yeah. I'm
20 inclined to move this case forward quickly because
21 it's so old. 24185 is February. I understand what
22 you said. Frequently these contested hearings go away
23 at the last week or two and if your witnesses will be
24 here for one contested hearing, why couldn't we have a
25 trailing docket and put this case on one of the --

1 what dates are you saying that we already have
2 contested hearings that Avant is participating in?

3 MS. BENNETT: October 10th is one I
4 believe.

5 THE HEARING EXAMINER: Uh-huh.

6 MS. BENNETT: And then later today I
7 would be requesting an October 22nd hearing date.

8 THE HEARING EXAMINER: Okay.

9 MS. BENNETT: And I understand your
10 point, but there's, you know, a limited pool of
11 resources to prepare materials, exhibits, testimony,
12 and that's both in Avant's shop and in my shop.

13 THE HEARING EXAMINER: Sure.

14 MS. BENNETT: So for me to -- maybe
15 based on today's docket, I might have other contested
16 hearings myself in October that aren't for Avant. So
17 that's why I think it wouldn't be ideal to have it on
18 a trailing docket and have Avant and myself be
19 preparing for multiple contested hearings even if
20 Avant is going to be here in person.

21 THE HEARING EXAMINER: I understand the
22 concern that you have. You know, as a prosecutor I
23 had to be prepared for multiple trials on a trailing
24 docket, in front of a judge, and Avant is objecting.
25 This case has been around since February. We're

1 talking about October. That's eight months. So for
2 the Division, we're going to set this either on the
3 10th or the 22nd.

4 Mr. Feldewert, which day do you prefer?

5 MR. FELDEWERT: My suggestion would be
6 that Ms. Bennett and I confer with our clients now
7 that you've given us dates?

8 THE HEARING EXAMINER: Of course.

9 MR. FELDEWERT: And then we will
10 coordinate and get the date that works best. And if
11 there's a dispute, I guess we'll let you know. But
12 it'll either be on the 10th or the 22nd.

13 THE HEARING EXAMINER: Sounds good.

14 And Ms. Bennett, you mentioned the
15 22nd, but currently we don't have a special docket for
16 the 22nd?

17 MS. BENNETT: No. No.

18 THE HEARING EXAMINER: Okay.

19 MS. BENNETT: And Mr. Examiner, could I
20 just say something about the age of the E.G.L. cases?

21 THE HEARING EXAMINER: Sure.

22 MS. BENNETT: MRC, who Mr. Feldewert
23 also represents, filed competing applications which
24 were only recently dismissed. So there has been a
25 long -- while the South half case in particular that

1 we're talking about has been on the docket for a
2 while, MRC only dismissed its applications recently.
3 So it isn't as if this has been languishing on the
4 docket. There's been activity that's been occurring.
5 It's my understanding -- well, based on MRC's
6 dismissal, they might have reached an agreement with
7 E.G.L., and so there are plenty of moving parts that
8 don't have anything to do with Avant. And so the age
9 of the case is not necessarily a reflection of any
10 sort of delay or any sort of staleness, but rather a
11 reflection of the discussions and negotiations between
12 parties completely unrelated to Avant.

13 THE HEARING EXAMINER: Thank you.

14 Okay. Is there anything further, Mr.
15 Feldewert?

16 MR. FELDEWERT: Just so we're clear,
17 we'll get back to you on case 24185?

18 THE HEARING EXAMINER: Mm-hmm.

19 MR. FELDEWERT: And then for the other
20 two cases, are we continuing them for a status
21 conference at the end of October?

22 THE HEARING EXAMINER: We are.

23 MR. FELDEWERT: October 31st docket I
24 guess.

25 THE HEARING EXAMINER: We are.

1 MR. FELDEWERT: Okay. Thank you.

2 THE HEARING EXAMINER: Yes. Thank you.

3 MS. BENNETT: Mr. -- oh, sorry.

4 MR. FELDEWERT: Yes?

5 MS. BENNETT: No. Nothing further.

6 THE HEARING EXAMINER: Thank you.

7 Okay. We're now at item number 5 on
8 our docket. It is 24255 joined with 24275 and 24276.
9 They are Mewbourne Oil cases. Entries of appearance,
10 please?

11 MR. BRUCE: Mr. Examiner, Jim Bruce
12 representing Mewbourne.

13 THE HEARING EXAMINER: Good morning.

14 MR. SAVAGE: Mr. Examiner, Darin Savage
15 with Abadie & Schill on behalf of Devon Energy
16 Production Company.

17 THE HEARING EXAMINER: Morning.

18 MR. SAVAGE: Morning.

19 MR. HOLLIDAY: Good morning, Mr.
20 Examiner. Ben Holliday on behalf of Permian Resources
21 Operating.

22 THE HEARING EXAMINER: Mr. Holliday,
23 did you object to the Mewbourne Oil cases?

24 MR. HOLLIDAY: We did object originally
25 back -- yes, when they were originally filed.

1 THE HEARING EXAMINER: Okay. And
2 what's happening with your objection? Have you
3 resolved it or are you still objecting?

4 MR. HOLLIDAY: We're still objecting,
5 although I was advised this morning that Permian
6 Resources feels that a deal is imminent and may be
7 resolved within the week.

8 THE HEARING EXAMINER: Okay.
9 Mr. Savage, your objection?

10 MR. SAVAGE: We have no objection and
11 monitoring and preserving rights.

12 THE HEARING EXAMINER: Thank you.
13 Are there any other parties in this
14 case, Mr. Bruce?

15 MR. BRUCE: I believe that's it, sir.

16 THE HEARING EXAMINER: All right. Very
17 good.

18 How do you want to proceed with your
19 cases?

20 MR. BRUCE: Mr. Examiner, I know this
21 is marked as a final status conference which is fine.
22 But, I too have been in touch with my client and they
23 say they're near agreement and they're going to split
24 up the acreage and they'll be out of each other's hair
25 and these cases will be able to move forward by

1 affidavit either by Mewbourne or by Permian. But, I'm
2 always leery of saying, "They'll be tied up within a
3 week." It's up to you, sir, but either continue them
4 for at least a relatively long time or if Mr. Holliday
5 wants to continue these for several weeks, but as a
6 status conference because I'm just leery of setting a
7 hard date, like, for early to mid-October and then
8 they haven't signed off all the paperwork yet even
9 though it appears to be a done deal.

10 THE HEARING EXAMINER: Mr. Holliday?

11 MR. HOLLIDAY: We would be on board
12 with that plan.

13 THE HEARING EXAMINER: Well, the
14 Division is not on board with that plan. And so we're
15 going to have a hearing by affidavit in October or
16 we're going to dismiss these cases and you can bring
17 them back, Mr. Bruce.

18 MR. BRUCE: Okay.

19 THE HEARING EXAMINER: So please pick a
20 docket. There's three of them.

21 MR. BRUCE: The last one, please.

22 THE HEARING EXAMINER: That's what I
23 thought. October 31st?

24 MR. BRUCE: Yes, sir.

25 THE HEARING EXAMINER: And who will be

1 continuing them?

2 Will it be you, Mr. Holliday?

3 Or will it be you, Mr. Bruce?

4 MR. BRUCE: I will continue them, Mr.
5 Examiner.

6 THE HEARING EXAMINER: Okay. Good.

7 Mr. Holliday, anything further?

8 MR. HOLLIDAY: Nothing further. Thank
9 you.

10 THE HEARING EXAMINER: Okay.

11 And Mr. Bruce, anything further?

12 MR. BRUCE: No, sir.

13 THE HEARING EXAMINER: Okay. Thank
14 you.

15 We are now on number 8 on our docket.
16 It is joined with three other cases. I'm calling
17 24289, 24290, 24296, and 97. Entries of appearance,
18 please?

19 MR. FELDEWERT: Good morning, Mr.
20 Examiner. Michael Feldewert, Santa Fe office of
21 Holland & Hart on behalf of MRC Permian. It's the
22 applicant.

23 THE HEARING EXAMINER: Okay. Thank
24 you.

25 MR. MORGAN: Good morning, Mr.

1 Examiner. Scott Morgan with Cavin & Morgan [sic] for
2 Strategic Energy and we have withdrawn our objection
3 and so we are here just to monitor.

4 THE HEARING EXAMINER: Thank you, Mr.
5 Morgan.

6 Are there any other parties?

7 MR. MORGAN: Not that I'm aware of.

8 MS. HARDY: Yes, Mr. Examiner. Dana
9 Hardy on behalf of E.G.L. Resources and PBEX and I
10 believe Mr. Bruce also represents those same parties.

11 THE HEARING EXAMINER: Are you
12 monitoring or object?

13 MS. HARDY: Monitoring.

14 THE HEARING EXAMINER: Monitoring only?

15 MS. HARDY: Yes.

16 THE HEARING EXAMINER: Okay.

17 So Mr. Feldewert, it looks like you can
18 proceed by affidavit at this point; right?

19 MR. FELDEWERT: That would be my hope .
20 We filed our exhibits you'll recall back in August.
21 These are the remaining cases. There were similar
22 cases that were presented at that time. These are the
23 remaining cases that involve the East half acreage in
24 which the company seeks to create stand-up Bone Spring
25 and Wolfcamp spacing units, first under the West half

1 of the East half of the acreage and then the East half
2 of the East half of the acreage in Lea County for
3 these Art Smith wells.

4 THE HEARING EXAMINER: So if we're able
5 to review these documents today and proceed by
6 affidavit, are your witnesses available?

7 MR. FELDEWERT: If we have questions,
8 yes.

9 THE HEARING EXAMINER: They are though?

10 MR. FELDEWERT: Mm-hmm.

11 THE HEARING EXAMINER: Mr. McClure,
12 you're our technical examiner today. Are you able to
13 review these exhibits in these four cases?

14 MR. MCCLURE: Mr. Hearing Examiner, if
15 we move them to the end of the status conferences,
16 then my hope is to be able to. Yes.

17 THE HEARING EXAMINER: I would move
18 them to the end of our docket completely, so giving
19 you even more time.

20 MR. MCCLURE: Yes, sir. That will
21 hopefully be sufficient.

22 THE HEARING EXAMINER: Okay. We're not
23 making any promises, Mr. Feldewert, but we'll try.

24 MR. FELDEWERT: Okay. Appreciate that.

25 THE HEARING EXAMINER: Of course. So

1 I'll leave it to you to remind me at the end of the
2 docket that we have these four cases.

3 MR. FELDEWERT: Will we be able to do
4 it at the end of the status conferences?

5 THE HEARING EXAMINER: No. We can put
6 them at the end of our docket today.

7 MR. FELDEWERT: Okie dokie.

8 THE HEARING EXAMINER: All right. All
9 right. Is there anything further, Ms. Hardy or Mr.
10 Morgan? Anything further?

11 MS. HARDY: No. Thank you.

12 THE HEARING EXAMINER: All right.

13 And Ms. Hardy and Mr. Morgan, if you're
14 not here when Mr. Feldewert presents by affidavit, are
15 there any objections to any of the exhibits?

16 MS. HARDY: No. I will be here, but I
17 don't have any objection. Thank you.

18 THE HEARING EXAMINER: Mr. Morgan?

19 MR. MORGAN: No objections. Thank you.

20 THE HEARING EXAMINER: Thank you, sir.

21 All right. We're in recess on those
22 cases. We'll be recalling them later.

23 We're now going to call a lot of cases
24 at the same time. It looks like this is Franklin
25 Mountain Energy versus -- is it MRC Permian?

1 MR. FELDEWERT: Yes, sir.

2 THE HEARING EXAMINER: Okay. Very
3 good.

4 So I'm going to call by line number.
5 These are lines 12 through it looks like 30 and the
6 case numbers are 24790, 24457, 59, 60, 62, 63, 79,
7 24778, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, and 89.
8 Entries of appearance, please?

9 MS. BENNETT: Good morning, Mr.
10 Examiner. Deana Bennett on behalf of Franklin
11 Mountain Energy 3.

12 THE HEARING EXAMINER: Thank you.

13 MR. FELDEWERT: Good morning, Mr.
14 Examiner. Michael Feldewert, Santa Fe office of
15 Holland & Hart on behalf of MRC Permian.

16 THE HEARING EXAMINER: Are there any
17 other parties that you know of?

18 MS. BENNETT: Not that I know of.

19 THE HEARING EXAMINER: Excellent. So
20 are these competing applications?

21 MS. BENNETT: They are.

22 THE HEARING EXAMINER: All right. Very
23 good. I thought so. When did you file yours, Ms.
24 Bennett?

25 MS. BENNETT: I filed mine on April

1 2nd.

2 THE HEARING EXAMINER: April 2nd.

3 Mr. Feldewert?

4 MR. FELDEWERT: Let's see. MRC refiled
5 their cases. I could look, but it's August maybe.

6 THE HEARING EXAMINER: August. Yeah.
7 That's good enough.

8 MR. FELDEWERT: If you look at the case
9 numbers, it'll give you a pretty good indication.

10 THE HEARING EXAMINER: August.

11 How do the parties want to proceed?

12 MS. BENNETT: Thank you, Mr. Examiner.
13 Franklin Mountain Energy recently sent out revised
14 proposals for the Wolfcamp formation and I don't have
15 those case numbers off the top of my head. But, what
16 that means is that Franklin Mountain Energy will need
17 to dismiss its existing Wolfcamp cases and substitute
18 in new Wolfcamp cases and those proposals were sent
19 out on August 15th.

20 And so I'm just waiting until probably
21 Monday to allow the 30-day period to run and then I'll
22 be able to file the new Wolfcamp applications and so
23 I'll be requesting the October 31st hearing date for
24 those cases. And so Mr. Feldewert and I had a moment
25 to confer about this and what I think we agreed to is

1 that we would have a status conference on October 31st
2 when those new Wolfcamp cases are ripe and at that
3 time set a contested hearing date in the very near
4 future.

5 THE HEARING EXAMINER: Mr. Feldewert?

6 MR. FELDEWERT: She correctly reflects
7 what we discussed.

8 THE HEARING EXAMINER: Okay. But what
9 do you want?

10 MR. FELDEWERT: What do I want? I'm
11 sorry. I agree with what Ms. Bennett said. In light
12 of the fact that they're refileing, so I think it makes
13 a lot of sense.

14 THE HEARING EXAMINER: I understand.
15 But are your applications only in the Wolfcamp?

16 MR. FELDEWERT: No. Bone Spring and
17 Wolfcamp.

18 THE HEARING EXAMINER: Okay. So why
19 couldn't we go forward with your Bone Spring cases?

20 MR. FELDEWERT: Well, for a couple
21 reasons. One is they involve the same acreage, same
22 parties. They're interrelated in terms of the
23 development plans, so I agree with Ms. Bennett it
24 makes sense to keep both sets of cases together and
25 address them at one hearing. It'd be the same

1 witnesses, same evidence.

2 THE HEARING EXAMINER: I understand.

3 Okay. So Ms. Bennett, because your
4 cases are from April, this October 31st status
5 conference will be a final status conference and we'll
6 expect either that the parties have resolved their
7 differences based on the new revised proposals or that
8 they can't resolve their differences and we need a
9 contested hearing.

10 MS. BENNETT: Yes. That works well for
11 Franklin Mountain Energy. They want to have a
12 contested hearing set shortly after at the October
13 31st date and they're hopeful for a contested hearing
14 in the very near term.

15 THE HEARING EXAMINER: Okay. So would
16 the parties then confer about a November hearing, best
17 hearing date?

18 MS. BENNETT: Yes.

19 THE HEARING EXAMINER: So that at
20 October we'll just be ready to go and set it by pre-
21 hearing order and then --

22 MR. FELDEWERT: Certainly.

23 THE HEARING EXAMINER: Freya, do we
24 have any dates in November that we could propose to
25 the parties for contested hearing?

1 MS. TSCHANTZ: We already have
2 contested hearing set on November 5th and 20th and I
3 know that the technical examining staff has several
4 different travel during that time. So I think we
5 might be limited to the 5th and the 20th.

6 THE HEARING EXAMINER: So we would have
7 a trailing docket on the 5th or the 20th? Is that
8 what you're suggesting?

9 MS. TSCHANTZ: Correct.

10 THE HEARING EXAMINER: All right.

11 So those are the dates that are
12 available. And I don't have a problem with -- and you
13 know, at the status conference if the parties choose
14 November 5th to have the contested hearing on the 5th,
15 that wouldn't be a problem for the Division.

16 MS. BENNETT: Thank you. I mean, Mr.
17 Feldewert and I will be conferring in advance, so if
18 it is November 5th, we would need to file our exhibits
19 on, like, October 29th?

20 THE HEARING EXAMINER: That's right.

21 MS. BENNETT: But we would be in a
22 position hopefully to either agree to that before
23 October 31st or agree to the 20th, I think it was, to
24 allow us a little more time after the status
25 conference to prepare our exhibits.

1 MR. FELDEWERT: Just looking at
2 calendar in light of what she said, November 20th
3 probably makes the most sense.

4 THE HEARING EXAMINER: Okay.

5 MR. FELDEWERT: So if Ms. Bennett can
6 confirm that, but given the case that's on that
7 docket, I think that makes most sense as a trailing.

8 THE HEARING EXAMINER: Perfect. Okay.
9 Anything further?

10 MS. BENNETT: Just to confirm, I will
11 confer with my clients about November 20th and revert
12 back to Mr. Feldewert and back to the Division.

13 THE HEARING EXAMINER: Perfect.

14 MS. BENNETT: Thank you.

15 THE HEARING EXAMINER: And you don't
16 even need to confer with the Division. We'll be ready
17 for our contested hearing on either date, November 5th
18 or the 20th, because we're already -- but that sounds
19 good. Thank you.

20 MS. BENNETT: Thank you.

21 THE HEARING EXAMINER: All right.
22 We're in recess on those cases.

23 I'm calling lines 31 through -- I'm not
24 sure. It's 24574, 75, 24712, 13, 14, 32, 33, 34, 35,
25 and 24772. Entries of appearance, please?

1 MS. BENNETT: Good morning, Mr.
2 Examiner. Deana Bennett on behalf of Marathon Oil
3 Permian, LLC.

4 THE HEARING EXAMINER: Thank you.

5 MR. RODRIGUEZ: Good morning. Michael
6 Rodriguez on behalf of Civitas Permian Operating, LLC.

7 THE HEARING EXAMINER: You said
8 "Civitas"?

9 MR. RODRIGUEZ: Yes, sir.

10 THE HEARING EXAMINER: Thank you.

11 MR. SAVAGE: Good morning. Darin
12 Savage with Abadie & Schill on behalf of Cimarex
13 Energy.

14 THE HEARING EXAMINER: Cimarex. And
15 before I continue with entries of appearance, Mr.
16 Rodriguez, did Civitas object?

17 MR. RODRIGUEZ: Civitas. I believe
18 Civitas originally objected to -- you know, I take
19 that back. No. I don't believe that Civitas did
20 object.

21 THE HEARING EXAMINER: So you're
22 monitoring?

23 MR. RODRIGUEZ: No. We have several
24 cases that are consolidated into this status
25 conference. So Civitas filed cases 24712 through

1 24714 that are partially overlapping with Marathon's
2 cases in the Bone Spring and the Wolfcamp.

3 THE HEARING EXAMINER: So are these
4 competing compulsory pooling applications?

5 MR. RODRIGUEZ: Potentially. At this
6 time they are, but I believe there might be some
7 negotiations that might resolve that.

8 THE HEARING EXAMINER: Okay.

9 And Mr. Savage, Cimarex?

10 MR. SAVAGE: Yes. We're monitoring,
11 preserving rights and we are appearing in cases 24712
12 through 24714 and then 24732, 33, 34, and 35.

13 THE HEARING EXAMINER: I see. Not all
14 the cases?

15 MR. SAVAGE: No.

16 THE HEARING EXAMINER: Okay. Are there
17 any other parties?

18 MS. SHAHEEN: Good morning. Sharon
19 Shaheen on behalf of Flat Creek Resources.

20 THE HEARING EXAMINER: And your status
21 in these cases?

22 MS. SHAHEEN: Well, Flat Creek
23 Resources is the applicant in 24732 through 24735.
24 We've entered an appearance in the two Marathon cases
25 24574 and 24575 and I'm pretty sure we objected to

1 those cases and if we didn't, I should have.

2 THE HEARING EXAMINER: Well, okay.

3 Thank you.

4 So Ms. Bennett, it looks like we have
5 three competing applications for the same acreage?

6 MS. BENNETT: That's right. We have
7 three sets of competing applications and just to
8 clarify the record, I have not yet entered an
9 appearance in the Civitas cases.

10 THE HEARING EXAMINER: Okay.

11 MS. BENNETT: But, I am doing so orally
12 today and I'll file an entry of appearance later
13 today.

14 THE HEARING EXAMINER: Perfect.

15 MS. BENNETT: But, while there are
16 currently three sets of competing cases as Mr.
17 Rodriguez alluded to, the parties are in discussions
18 and those discussions at least as far as I know are
19 proceeding along nicely. And so I had a chance to
20 briefly confer with the counsel for the other parties
21 and what Marathon would propose and what I understand
22 is, more or less agreeable to the other parties but
23 I'll let them speak of course, is that we have a
24 status conference on October 10th or set these cases
25 for a status conference on October 10th and if the

1 parties are able to reach an agreement before October
2 10th, that that status conference would be converted
3 to an affidavit hearing.

4 THE HEARING EXAMINER: That sounds fine
5 to the Division. When were your cases filed?

6 MS. BENNETT: My cases were filed on
7 May 14th.

8 THE HEARING EXAMINER: May. Thank you.
9 Mr. Rodriguez, when were your cases
10 filed?

11 MR. RODRIGUEZ: July 9th.

12 THE HEARING EXAMINER: Thank you.
13 And Ms. Shaheen?

14 MS. SHAHEEN: These cases were filed
15 July 9th; however, they were amended applications. We
16 had previously filed applications and I don't recall
17 exactly when, but probably a couple of months prior to
18 that.

19 THE HEARING EXAMINER: Okay.

20 MS. SHAHEEN: Those were dismissed and
21 replaced with the current applications.

22 THE HEARING EXAMINER: And Ms. Bennett,
23 have you spoken to Marathon to find out how the
24 negotiations are going?

25 MS. BENNETT: Yes. I had an email

1 conversation with Marathon between last night and
2 today and the negotiations are progressing.

3 THE HEARING EXAMINER: Okay. So
4 there's a good chance of resolution you're saying?

5 MS. BENNETT: That's what I'm saying.

6 THE HEARING EXAMINER: All right. All
7 right. October 10 status conference. Based on the
8 age of these cases, that'll be a final status
9 conference. So either you'll present by affidavit or
10 we'll set a contested hearing.

11 MS. BENNETT: That works for Marathon.
12 I'm not sure if Ms. Shaheen or Mr. Rodriguez have
13 anything they'd like to add.

14 THE HEARING EXAMINER: I don't know
15 either, but I'll give them an opportunity.

16 Mr. Rodriguez?

17 MR. RODRIGUEZ: Civitas agrees with
18 that position. There's one twist though. Upon
19 reviewing these applications further, I noticed that
20 the Wolfcamp applications for Civitas is 24712 and 14,
21 the spacing units are built using standard quarter
22 sections. It's Purple Sage which requires quarter
23 sections. So I will need to re-amend those
24 applications. So depending on the outcome of the
25 status conference, I would re-file and it would either

1 be continued if it were the status conference ends up
2 in a hearing by affidavit or they would just be
3 consolidated and set for the contested hearing. But I
4 could set those as early as October 22nd.

5 THE HEARING EXAMINER: Let me see if I
6 understand what you're saying. There's a problem with
7 the applications?

8 MR. RODRIGUEZ: Correct.

9 THE HEARING EXAMINER: In the building
10 blocks that you used, instead of 40 acres, they
11 should've been 160 acre building blocks? Are you
12 saying that you can't amend them, you have to refile
13 them?

14 MR. RODRIGUEZ: Correct. That's the
15 typical procedure. If the Division agrees that I can
16 amend the applications, I'd certainly --

17 THE HEARING EXAMINER: I'm not saying
18 and I don't know when something can be amended and
19 when it can't be. That's not something I understand.
20 But, I mean you're the attorney. Are you saying they
21 cannot be amended?

22 MR. RODRIGUEZ: That's been the policy.

23 THE HEARING EXAMINER: The policy. Do
24 you know why?

25 MR. RODRIGUEZ: That's before my time I

1 think.

2 THE HEARING EXAMINER: Ms. Bennett?

3 MS. BENNETT: Thank you, Mr. Examiner.
4 It's my understanding that it's due to the technical
5 limitations of the e-permitting and imaging system
6 that when we file an application, it's automatically
7 given a new case number. Back in the day when we did
8 paper filings, there was a process that we could do to
9 relay an application back to a prior application. But
10 based on what I understand to be a technological
11 limitation, that's no longer possible.

12 THE HEARING EXAMINER: So there's
13 nothing legally preventing you from amending your
14 application?

15 MR. RODRIGUEZ: Yes. That's correct as
16 I understand it.

17 THE HEARING EXAMINER: Okay. So then
18 why would that delay the path that we've set forward?

19 MR. RODRIGUEZ: I believe consolidating
20 two spacing units into one may cause any of the pooled
21 parties to potentially have an objection to that or,
22 you know, I'm not sure what there could be that they
23 would object to, but I believe that they probably
24 would argue that they require the right to a new
25 notice.

1 THE HEARING EXAMINER: I see. Well, if
2 when we have our final status conference on October
3 10, you can let me know what's going on with your
4 cases. If some go forward by affidavit on that day,
5 then it sounds like you wouldn't be objecting to them?

6 MR. RODRIGUEZ: No. That's correct.

7 THE HEARING EXAMINER: If you still are
8 objecting to them going forward, then we'll set a
9 contested hearing which would still give you time to
10 fix your applications.

11 MR. RODRIGUEZ: Okay.

12 THE HEARING EXAMINER: I don't see any
13 problem with going forward as we said with the final
14 status conference on October 10 and then setting a
15 contested hearing if necessary after that. Is there
16 anything further?

17 MR. RODRIGUEZ: Not for me. Thank you.

18 THE HEARING EXAMINER: Ms. Bennett?

19 MS. BENNETT: Not for me. Thank you.

20 THE HEARING EXAMINER: Ms. Shaheen?

21 MS. SHAHEEN: Yes. Thank you, Mr.
22 Examiner. I did speak with Flat Creek yesterday and
23 my understanding is that Marathon and Flat Creek have
24 reached a verbal agreement and are in the process of
25 papering that up. Flat Creek fully intends to go

1 forward by affidavit on October 10th assuming that
2 that agreement is papered up. And Civitas and Flat
3 Creek applications are not competing, so Flat Creek
4 could go forward by affidavit on October 10th
5 regardless of Civitas's issues.

6 THE HEARING EXAMINER: Okay. Well,
7 when you continue your cases, let's say that your
8 agreement is "papered up," as you say, and you
9 continue your cases to the October 10 docket, do you
10 determine whether it's a status conference or a
11 hearing by affidavit or does the Division?

12 MS. SHAHEEN: I think it could go
13 either way because what would happen is someone would
14 file -- say you set it for a hearing by affidavit and
15 it doesn't get papered up, then Ms. Bennett would be
16 in the position of filing an objection again to it
17 going forward by affidavit if it hasn't been papered
18 up yet. And the alternative if it's set as a status
19 conference, then I would be in the position. It's six
20 of one, half dozen of another, just a little bit
21 procedural difference.

22 THE HEARING EXAMINER: I see. Okay.
23 Well, how do you want us to set your Flat Creek cases
24 for the October 10 docket? Hearing by affidavit or
25 status conference?

1 MS. SHAHEEN: Hearing by affidavit
2 would be preferable.

3 THE HEARING EXAMINER: That's what I
4 thought.

5 All right. So then Ms. Bennett, you
6 want us to keep your case as status conference for
7 October 10?

8 MS. BENNETT: Yes.

9 THE HEARING EXAMINER: Okay. I thought
10 so.

11 Okay. And Mr. Rodriguez, we're keeping
12 your case as a status conference; is that right?

13 MR. RODRIGUEZ: If possible, there is
14 nothing wrong with the Bone Spring application which
15 is 24713, so I'd prefer to move forward if possible by
16 affidavit?

17 THE HEARING EXAMINER: Okay. So let me
18 take some notes here. Mr. Rodriguez, which of your
19 cases on October 10 do you anticipate will be heard by
20 affidavit?

21 MR. RODRIGUEZ: Case 24713.

22 THE HEARING EXAMINER: 13. Okay. And
23 then which of your cases do you want to keep as status
24 conference?

25 MR. RODRIGUEZ: 24712 and 24714.

1 THE HEARING EXAMINER: Okay. I have
2 those notes here.

3 Ms. Shaheen, what are your case numbers
4 that you anticipate will go by affidavit?

5 MS. SHAHEEN: 24732, 24733, 34, 35,
6 and 24772.

7 THE HEARING EXAMINER: So 32 through 35
8 and 72?

9 MS. SHAHEEN: And 72. Correct.

10 THE HEARING EXAMINER: 72. Okay.
11 We'll set those once we get your continuances to
12 hearing by affidavit.

13 Ms. Bennett's cases will stay status
14 conference and Mr. Rodriguez's cases 14 and 12 will
15 stay as status conferences for the October 10 docket.

16 Is there anything further from the
17 parties on these cases?

18 MS. BENNETT: Mr. Hearing Examiner,
19 that all sounds fine to Marathon, but we do reserve
20 the right to object to the Flat Creek cases proceeding
21 by affidavit.

22 THE HEARING EXAMINER: Of course.

23 MS. BENNETT: Thank you.

24 THE HEARING EXAMINER: Of course.

25 Anything further from the parties? Not

1 hearing anything, so we're in recess on these cases.

2 MR. FELDEWERT: Mr. Examiner?

3 THE HEARING EXAMINER: Yes.

4 MR. FELDEWERT: If I may indulge if I
5 could circle back to the MRC Art Smith cases?

6 THE HEARING EXAMINER: Art Smith?

7 MR. FELDEWERT: Yes.

8 THE HEARING EXAMINER: What case
9 numbers?

10 MR. FELDEWERT: That would be the
11 numbers 8, 9, 10, and 11 on your docket.

12 THE HEARING EXAMINER: Hold on. Okay.

13 MR. FELDEWERT: 24289 through --

14 THE HEARING EXAMINER: Yes. I'm
15 hearing affidavits later today. Yeah.

16 MR. FELDEWERT: So I just confirmed
17 with my client.

18 THE HEARING EXAMINER: Yes.

19 MR. FELDEWERT: They have concerns that
20 the witnesses are not going to be available this
21 afternoon, so to avoid any issues and to avoid taking
22 up Mr. McClure's time, we can move those matters to
23 the November 7th docket I believe?

24 THE HEARING EXAMINER: Okay.

25 MR. FELDEWERT: If that's okay? So I'd

1 like to continue those to the first docket in
2 November? I can't remember which date it is. And no
3 need to go back to them then.

4 THE HEARING EXAMINER: If Mr. McClure
5 didn't have any questions, then your witnesses
6 wouldn't have to be available?

7 MR. FELDEWERT: Correct.

8 THE HEARING EXAMINER: You'd still
9 prefer to move it to November?

10 MR. FELDEWERT: Well, I mean I don't
11 know if Mr. McClure has questions or not and I'm
12 concerned that he would be looking at something and
13 then we'd call him this afternoon and the witnesses
14 aren't there and we're going to have to continue them
15 anyway. So let's just continue to November 7th. If
16 that's the right date. Let me doublecheck. Yes.
17 That should be the right date. November 7th. Thank
18 you, sir.

19 THE HEARING EXAMINER: Yes.

20 Mr. McClure, Mr. Feldewert's witnesses
21 will not be available for cases 8 through 11 on the
22 docket and he's going to continue them to the November
23 7 docket for a hearing by affidavit.

24 MR. MCCLURE: Thank you, Mr. Hearing
25 Examiner.

1 THE HEARING EXAMINER: Of course.
2 Thank you for being flexible.

3 All right. Let's see. We're in recess
4 on those other cases. Let's move on. It looks like
5 we are now calling lines 41. It looks like it stands
6 by itself. It's Avant Operating 24722. Entries of
7 appearance, please?

8 MS. BENNETT: Good morning, Mr.
9 Examiner. Deana Bennett on behalf of Avant Operating.

10 THE HEARING EXAMINER: Good morning.

11 MR. FELDEWERT: Good morning, Mr.
12 Examiner. Michael Feldewert with Santa Fe office of
13 Holland & Hart for E.G.L. Resources.

14 THE HEARING EXAMINER: Did you object?

15 MR. FELDEWERT: Yeah. I believe so.

16 THE HEARING EXAMINER: I'll wait till
17 you tell me.

18 MR. FELDEWERT: Yes.

19 THE HEARING EXAMINER: You did object?

20 MR. FELDEWERT: Yes, sir.

21 THE HEARING EXAMINER: And do you know
22 why you objected?

23 MR. FELDEWERT: We have sent competing
24 well proposals.

25 THE HEARING EXAMINER: Okay.

1 Ms. Bennett?

2 MS. BENNETT: Thank you. Yes. It was
3 my understanding that E.G.L. was sending out competing
4 well proposals and I thought that had occurred some
5 time ago and that I believe -- I don't have the
6 transcript in front of me, but I thought that Mr.
7 Feldewert would be filing competing applications by
8 Tuesday of this week so that they would be set for the
9 October 10th docket for a status conference and then
10 we'd be able to have a contested hearing on October
11 22nd.

12 This is the set of cases that I alluded
13 to earlier. So when I said I was hopeful that later
14 in the docket I'd be able to get an October 22nd
15 docket date for Avant. So I'm hopeful still that the
16 Silver Slug cases were filed in time to be set for
17 October 10th, but I don't have any visibility into
18 that.

19 THE HEARING EXAMINER: Mr. Feldewert?

20 MR. FELDEWERT: Yes. They were filed.

21 THE HEARING EXAMINER: Oh, they were
22 filed?

23 MR. FELDEWERT: They were filed and
24 when I looked yesterday I did not have case numbers
25 yet.

1 THE HEARING EXAMINER: If we had case
2 numbers for -- how would they be listed?

3 MR. FELDEWERT: It would be PBEX is the
4 applicant and it would be for their Silver Slug wells
5 and we requested the October 10th docket.

6 THE HEARING EXAMINER: Silver Slug?

7 MR. FELDEWERT: Yes, sir.

8 THE HEARING EXAMINER: October 10?

9 MR. FELDEWERT: Yes, sir.

10 THE HEARING EXAMINER: And you said
11 "PBEX," but before you said "E.G.L."?

12 MR. FELDEWERT: PBEX is the working
13 interest owner.

14 THE HEARING EXAMINER: I see.
15 Let's wait for Ms. Tschantz.

16 MS. TSCHANTZ: There's several
17 applications that are waiting to be processed that
18 will not have case numbers until they're processed.

19 THE HEARING EXAMINER: Is there any way
20 for you to look for that case and accept it so we can
21 give the parties a case number?

22 MS. TSCHANTZ: I could. However, I
23 don't have internet on my laptop to do so at the
24 moment.

25 THE HEARING EXAMINER: Does your laptop

1 run this show?

2 MS. TSCHANTZ: No. The computer is
3 separate from my login --

4 THE HEARING EXAMINER: Are you able to
5 restart and see whether that cures the problem?

6 MS. TSCHANTZ: Yes. I can try.

7 THE HEARING EXAMINER: All right. Will
8 you let me know?

9 MS. TSCHANTZ: Yes.

10 THE HEARING EXAMINER: All right. So
11 it sounds like, Ms. Bennett, that application was
12 filed. It will be on the October 10 docket. So it
13 sounds like your plans are still valid.

14 Do the parties want to confer on
15 October 22nd contested hearing and then maybe we'll
16 come back on the record once Ms. Tschantz gives us a
17 case number and we can see if the parties can go
18 forward on October 22nd?

19 MS. BENNETT: Certainly Avant is
20 prepared to go forward on October 22nd.

21 THE HEARING EXAMINER: You are?

22 MS. BENNETT: Yes.

23 THE HEARING EXAMINER: You know?

24 MS. BENNETT: Yes I do.

25 THE HEARING EXAMINER: All right.

1 MS. TSCHANTZ: And just for
2 clarification, am I looking for one application or are
3 there more than one?

4 THE HEARING EXAMINER: Thank you.
5 Mr. Feldewert?

6 MR. FELDEWERT: Well, now we're taxing
7 my memory. I'll have to check.

8 MS. TSCHANTZ: One other thing about
9 the October 22nd date, Mr. Hearing Examiner. I think
10 you're in Houston that week?

11 THE HEARING EXAMINER: Right. I won't
12 be here. We can find another day for you, but I will
13 be at the Short Course in Houston.

14 MS. BENNETT: Okay.

15 THE HEARING EXAMINER: And I leave that
16 Sunday, the 20th, and I return on the 25th. So that
17 week is out. So the 22nd doesn't work.

18 Thank you, Ms. Tschantz.

19 But, choose another day and we'll find
20 some space for you.

21 MS. BENNETT: Okay.

22 THE HEARING EXAMINER: I know you have
23 to talk to your client now.

24 MS. BENNETT: I do. Yes. I'll confer
25 with my client and with Mr. Feldewert and work on

1 getting a date that's not the week of October 21st
2 through 25th.

3 THE HEARING EXAMINER: Perfect.

4 And Mr. Feldewert, the cases that you
5 filed would all be PBEX Silver Slug?

6 MR. FELDEWERT: Yes, sir.

7 THE HEARING EXAMINER: Okay.

8 So Freya, they'd all be titled the same
9 way.

10 MS. TSCHANTZ: Yes.

11 THE HEARING EXAMINER: Once you get in.
12 But I've had the same problem as you have where you
13 have to restart or else you don't have access to that
14 part in our database.

15 Okay. Any further on these cases?

16 MS. BENNETT: Not on this case, but if
17 I could indulge and return back to a few cases that
18 also involved Mr. Feldewert?

19 THE HEARING EXAMINER: Which one?

20 MR. FELDEWERT: One second first. Are
21 we then moving this case for a status conference on
22 October 10th?

23 THE HEARING EXAMINER: We are.

24 MR. FELDEWERT: Okay. And then our
25 cases will be in a docket? Got it.

1 THE HEARING EXAMINER: And joined.

2 MR. FELDEWERT: Yes.

3 THE HEARING EXAMINER: And it'll be
4 joined together. Once we get some numbers, we'll know
5 what to do, but for now we're coming back on -- we're
6 only in recess on this case.

7 MR. FELDEWERT: Got it.

8 THE HEARING EXAMINER: We just got to
9 get some numbers from Ms. Tschantz and then we'll join
10 them and we'll have a status conference on October 10
11 and you guys will have a date for me.

12 MS. BENNETT: Thank you. And when we
13 return to discuss these cases, I may have some feeling
14 about whether the Avant case needs to be continued to
15 a status conference to October 10th or whether I can
16 just continue it to the contested hearing date.

17 THE HEARING EXAMINER: Okay.

18 MS. BENNETT: But right now, I'm
19 reserving the right to have feelings.

20 THE HEARING EXAMINER: Makes sense.
21 Sure.

22 MS. BENNETT: Okay.

23 THE HEARING EXAMINER: And what case do
24 you want to go back to?

25 MS. BENNETT: I'd like to go back to

1 the cases 2 through 4 on the docket?

2 THE HEARING EXAMINER: Okay.

3 MS. BENNETT: The E.G.L. Bond cases and
4 the Avant, Lobo Loco cases?

5 THE HEARING EXAMINER: Mm-hmm.

6 MS. BENNETT: I've been conferring with
7 Avant and Avant intends to file competing applications
8 for the South half. As you may recall the Division --

9 THE HEARING EXAMINER: I do.

10 MS. BENNETT: Okay.

11 THE HEARING EXAMINER: I recall.

12 MS. BENNETT: So Avant intends to file
13 applications for the South half or send out proposals
14 for the South half.

15 THE HEARING EXAMINER: Does that mean
16 that you'll have competing applications with 24185?

17 MS. BENNETT: Yes.

18 THE HEARING EXAMINER: I thought so.
19 So then we won't be able to have a hearing by
20 affidavit obviously?

21 MS. BENNETT: No.

22 THE HEARING EXAMINER: Okay.

23 MS. BENNETT: And we won't be able to
24 have a contested hearing on October 10th I think it
25 was. I can't remember.

1 THE HEARING EXAMINER: Yes. We thought
2 about a trailing docket for October 10th.

3 MS. BENNETT: Yes.

4 THE HEARING EXAMINER: So we won't be
5 able to have that either?

6 MS. BENNETT: No. No. And so again,
7 we should set both of the E.G.L. Resources cases 24184
8 and 24185, as well as the Avant case 24678, and then
9 the competing case for an October 31st docket status
10 conference.

11 THE HEARING EXAMINER: And when you say
12 "competing case," that's the case that's not filed?

13 MS. BENNETT: That's right. It won't
14 be filed until -- they're sending out proposals this
15 week, so if I can file the application by -- well,
16 theoretically I wouldn't be able to file it for the
17 October 31st docket.

18 THE HEARING EXAMINER: Right. But at
19 least you'll know about it?

20 MS. BENNETT: Yes.

21 THE HEARING EXAMINER: And we'll have a
22 number for it. We'll still be able to join it for a
23 contested hearing in the future?

24 MS. BENNETT: Yes.

25 THE HEARING EXAMINER: Okay.

1 Well, Mr. Feldewert?

2 MR. FELDEWERT: So you can probably
3 understand my concern and that is as you pointed out,
4 the E.G.L. case with South half 24185 has been on file
5 since February.

6 THE HEARING EXAMINER: Yes.

7 MR. FELDEWERT: And they've had eight
8 months to look at this, been appearing in cases, and
9 not take any action until you set it for a hearing.
10 Now if we can do that, let us know, but I think one
11 could argue that they're very tardy in suggesting that
12 they're now going to send out competing well proposals
13 that we have not seen. So I would like to have, if
14 you're going to entertain this, and can we have a
15 status conference in October to see if they've
16 actually been sent out?

17 THE HEARING EXAMINER: Of course.

18 MS. BENNETT: And Mr. Examiner, may I
19 briefly respond to that?

20 THE HEARING EXAMINER: Just a moment.

21 MS. BENNETT: Okay.

22 THE HEARING EXAMINER: So we spoke
23 about possible hearing by affidavit. Well, that's not
24 going to happen. We spoke about a contested hearing
25 in early October. That's not going to happen.

1 Mr. Feldewert, since these are your
2 cases and they're so old, when in October do you want
3 to have a status conference?

4 MR. FELDEWERT: At the next available
5 October docket.

6 THE HEARING EXAMINER: Well, that would
7 be the 3rd. That sounds like it would be before
8 they're filed.

9 MR. FELDEWERT: Well, I want to see if
10 they actually send them out.

11 THE HEARING EXAMINER: I see.

12 MR. FELDEWERT: Yeah.

13 THE HEARING EXAMINER: Well, they're
14 your cases. I'm happy to have -- October 3rd then?

15 MR. FELDEWERT: Please.

16 THE HEARING EXAMINER: Okay.

17 So Ms. Bennett, we're going to have a
18 status conference on Mr. Feldewert's cases. Now I
19 know that there's one other case and is that your
20 case, the other case?

21 MS. BENNETT: Yes.

22 MR. FELDEWERT: Let me step back. Yes.
23 Again, it makes sense for all three of them.

24 THE HEARING EXAMINER: Ms. Bennett?

25 MS. BENNETT: Mr. Hearing Examiner, we

1 previously discussed having a status conference on
2 October 31st for 24185 and 24678 because E.G.L. has to
3 file a new application for case number 24185 and so
4 I'm not sure why we would have a status conference on
5 October 3rd for all three cases when we've already
6 discussed having a status conference for two of the
7 cases on October 31st.

8 But if that's Mr. Feldewert's
9 preference and your preference, I'm not going to stand
10 in the way of that. I did just want to briefly
11 respond to Mr. Feldewert's statement that Avant's
12 timing is tardy because I do have some important
13 factual information to pass along in that regard.

14 THE HEARING EXAMINER: Okay.

15 MS. BENNETT: Avant only acquired the
16 South half acreage in May 2024 and then there were
17 also some surface issues. So that's why their
18 proposals did not go out at the same time as their
19 North half proposal. So contrary to Mr. Feldewert's
20 suggestion, this is not tardy. They're acting within
21 a reasonable time given the relative recency of them
22 acquiring the acreage.

23 MR. FELDEWERT: So we can make it
24 easier. I'm fine with Ms. Bennett's suggestion that
25 we keep the North half cases on the October 31st

1 docket for status conference. But with respect to
2 this new development for the South half, even if
3 apparently they've had acreage in since May, but
4 haven't done a thing, let's see where we're at on
5 October 3rd for that case.

6 THE HEARING EXAMINER: And that would
7 be the 85 case?

8 MR. FELDEWERT: Yes, sir.

9 THE HEARING EXAMINER: All right.

10 MS. BENNETT: Actually is that the 85
11 or 84?

12 MR. FELDEWERT: I have it as 85.

13 MS. BENNETT: Okay.

14 THE HEARING EXAMINER: That's the
15 information I received.

16 But if I'm wrong let me know, Ms.
17 Bennett.

18 All right. So let me take some new
19 notes here. So we have 24184, that's October 31st and
20 we have 24185 and that's going to be October 3 or 10?

21 MR. FELDEWERT: Three.

22 THE HEARING EXAMINER: Three. Okay.
23 And those are status conferences.

24 And then we have your case, Ms.
25 Bennett. What case number is that one again?

1 MS. BENNETT: 24678.

2 THE HEARING EXAMINER: 24678. And
3 that's going to be October 31st?

4 MS. BENNETT: That's right.

5 THE HEARING EXAMINER: That's what I
6 thought. Okay. And that's a status conference?

7 MS. BENNETT: It is.

8 THE HEARING EXAMINER: Great. That's
9 what I thought. And then did you say that it's likely
10 that you'll have another case?

11 MS. BENNETT: Yes.

12 THE HEARING EXAMINER: Very good.
13 Okay. And that will have to be joined with these
14 other cases; right?

15 MS. BENNETT: Yeah.

16 THE HEARING EXAMINER: Maybe not joined
17 with 85? Joined with 84 and 78?

18 MS. BENNETT: Well, once Avant has
19 proposals that compete across the entire unit, I think
20 that the cases will need to be completely consolidated
21 at that point. That's consistent with what Mr.
22 Feldewert expressed earlier today in response to a
23 similar question by the Division in another set of
24 cases that if it's the same witnesses, same lands,
25 same development plans, that they should be

1 consolidated.

2 THE HEARING EXAMINER: You will have
3 filed those before the October 31st docket, but they
4 won't be on the October 31st docket?

5 MS. BENNETT: Yes.

6 THE HEARING EXAMINER: Okay.

7 MS. BENNETT: And I could in theory
8 file them before the October 3rd, but they wouldn't be
9 right because there wouldn't be enough time to allow
10 for the -- basically 30 days plus -- yeah.

11 THE HEARING EXAMINER: Okay. All
12 right. Well, all right, I guess we'll find out on
13 October 3rd whether you have proposals and --

14 MR. FELDEWERT: And what acreage is
15 involved.

16 THE HEARING EXAMINER: And what acreage
17 is involved. Okay. All right. Thank you for that.
18 We are in recess on those cases.

19 MS. BENNETT: Thank you.

20 THE HEARING EXAMINER: I think we're on
21 line 42. Cimarex Energy. We have 24756. It's joined
22 with 24632, 33, 84, 85, 86, 87, 24757, 58, 59, 60 ,61,
23 62 ,63, 64 ,65, 66, and 67. Entries of appearance,
24 please?

25 MS. BRADFUTE: Mr. Examiner, this is

1 Jennifer Bradfute on behalf of Magnum Hunter
2 Production, Inc. and Cimarex Energy.

3 THE HEARING EXAMINER: Good morning.

4 MS. BRADFUTE: Good morning.

5 MR. FELDEWERT: Good morning, Mr.
6 Examiner. Michael Feldewert with Santa Fe office of
7 Holland & Hart on behalf of MRC Permian.

8 THE HEARING EXAMINER: Thank you.

9 MS. BENNETT: Good morning, Mr.
10 Examiner. Deana Bennett on behalf of Franklin
11 Mountain Energy 3 and I've only entered an appearance
12 in the MRC cases which are 24760 through 24767.

13 MR. PARROT: Good morning, Mr.
14 Examiner. This is James Parrot with Beatty & Wozniak
15 representing Avant Operating, LLC.

16 THE HEARING EXAMINER: Thank you.

17 MR. BRUCE: Mr. Examiner, Jim Bruce
18 entering appearance on behalf of Mewbourne Oil Company
19 in the four cases 24756 through 24759. I don't know
20 how that impacts the other cases, but I just found out
21 about it.

22 THE HEARING EXAMINER: Thank you.

23 Sounds like all the entries of
24 appearance here. So let's go through these.

25 Ms. Bradfute, who objected to your

1 cases?

2 MS. BRADFUTE: We have received
3 objections from MRC and Avant.

4 THE HEARING EXAMINER: MRC and Avant?

5 MS. BRADFUTE: Yes.

6 THE HEARING EXAMINER: Are those going
7 to be competing applications?

8 MS. BRADFUTE: Yes. They are both
9 competing applications. Cimarex's unit is a lay-down
10 unit and MRC and Avant's units are stand-up units that
11 are located next to one another.

12 THE HEARING EXAMINER: Thank you.
13 Let's talk about your cases first and then we'll go to
14 the other parties. How do you want to proceed?

15 MS. BRADFUTE: These cases are
16 currently set for a special docket date on October the
17 10th. Our continuances were filed last night by
18 Cimarex to move these cases to the October 10th
19 docket. I apologize. I'm just coming into the case
20 as substitute counsel now.

21 THE HEARING EXAMINER: Okay. So we
22 have a October 10 contested hearing?

23 MS. BRADFUTE: That is correct.

24 THE HEARING EXAMINER: Okay. And --

25 MR. FELDEWERT: October 8th.

1 MS. BRADFUTE: October 8th. I'm sorry.

2 THE HEARING EXAMINER: October 8th.

3 MS. BRADFUTE: Yes. Thank you.

4 THE HEARING EXAMINER: Freya, do we
5 have an October 8 on our calendar?

6 MS. TSCHANTZ: Yes. That's the
7 contested hearing in October 8th and going back to the
8 October 10th date for possible contested hearing, that
9 is a regular docket.

10 THE HEARING EXAMINER: Oh, thank you.
11 I see.

12 All right. So Ms. Bradfute, you're
13 prepared for the October 8 contested hearing?

14 MS. BRADFUTE: Yes. We are.

15 THE HEARING EXAMINER: Very good.

16 MS. BRADFUTE: Yeah.

17 THE HEARING EXAMINER: Was there
18 anything else you want to tell me about your cases?

19 MS. BRADFUTE: Not about my cases.
20 Thank you.

21 THE HEARING EXAMINER: All right. Very
22 good.

23 Mr. Feldewert?

24 MR. FELDEWERT: So the parties actually
25 filed a motion to move all of the cases to that

1 October 8th hearing date and it was set listing those
2 motions or listing those cases. I thought that was
3 enough to move the matters, but apparently we need to
4 file a motion to continue to get it on that docket.
5 Although I had already filed a motion to change the
6 hearing date to October 8th, I thought that that was
7 sufficient to move them, but --

8 THE HEARING EXAMINER: You received
9 notice that it wasn't --

10 MR. FELDEWERT: That we had to file a
11 motion to continue as well.

12 THE HEARING EXAMINER: Freya, is that
13 something that you sent out?

14 MS. TSCHANTZ: Yes. It is.

15 THE HEARING EXAMINER: Okay. Thank
16 you.

17 MR. FELDEWERT: So I will reluctantly
18 get that done. We'll pay the extra fee. That's fine.
19 But it is on the October 8th.

20 I will say just for the record, just so
21 everybody knows. I know Ms. Bradfute came in. When
22 we first set this, I think I reflected that I do have
23 a conflict in the afternoon, so we're going to start
24 on the morning of the 8th and then continue into the
25 9th as needed.

1 THE HEARING EXAMINER: Sounds good.
2 Yes. That's fine.

3 Now, Ms. Bennett?

4 MS. BENNETT: Thank you, Mr. Examiner.
5 Franklin Mountain Energy entered its appearance in the
6 MRC cases only to monitor those cases and preserve its
7 rights.

8 THE HEARING EXAMINER: Very good.

9 Mr. Parrot?

10 MR. PARROT: Good morning, Mr.
11 Examiner. I don't think I have anything very helpful
12 to add, so I'll just say that I agree with the
13 comments that my colleagues have made.

14 THE HEARING EXAMINER: But are you
15 monitoring or do you have competing applications?

16 MR. PARROT: We have competing
17 applications on dockets 632 and 33 and have filed
18 objections to Coterra Cimarex's applications.

19 THE HEARING EXAMINER: Okay. So you're
20 participating in the October 8 contested hearing?

21 MR. PARROT: Yes, sir. For Avant.

22 THE HEARING EXAMINER: Okay. Good.
23 I'm sorry, what did you say? "For Avant"?

24 MR. PARROT: Yes, sir.

25 THE HEARING EXAMINER: Yes. Okay. All

1 right. And your witnesses will be available. Are
2 you going to be here or are you going to be virtual?

3 MR. PARROT: I certainly would be
4 there. I don't know whether the witnesses all will be
5 attending in person or --

6 THE HEARING EXAMINER: Okay. That's
7 fine. We don't have a problem with that. I just
8 realized from our hearing last month that you are
9 based in Dallas; is that right?

10 MR. PARROT: No. I'm actually based in
11 Denver.

12 THE HEARING EXAMINER: Denver. Okay.
13 Thank you. All right. Very good.

14 And Ms. Bradfute, you will be here?

15 MS. BRADFUTE: Yes. That's correct.

16 THE HEARING EXAMINER: Your witnesses
17 will be here or they'll be --

18 MS. BRADFUTE: Yes. They will be here.

19 THE HEARING EXAMINER: Very good.

20 And then we have Mr. Bruce. How are
21 you proceeding, Mr. Bruce?

22 MR. BRUCE: Mr. Examiner, Mewbourne is
23 just here to protect its rights. So I will show up.
24 I don't know if I can stand a day and a half of
25 hearings, but what the heck. But I will have no

1 witnesses.

2 THE HEARING EXAMINER: All right.
3 Thank you, sir. So you're going to monitor?

4 MR. BRUCE: Yes, sir.

5 THE HEARING EXAMINER: All right. We
6 look forward to seeing you.

7 Is there anything further on these
8 cases before we go on recess? Not hearing anything,
9 so we're in recess on these cases.

10 Let's go on now to Marathon Oil
11 Permian. It's number 54 on our docket, 24771.

12 MS. BENNETT: Good morning, Mr.
13 Examiner. Deana Bennett on behalf of Marathon Oil
14 Permian, LLC.

15 THE HEARING EXAMINER: Morning.

16 MR. FELDEWERT: Good morning, Mr.
17 Examiner. Michael Feldewert, Santa Fe office of
18 Holland & Hart for Fasken Oil & Ranch.

19 THE HEARING EXAMINER: Very good.

20 MR. FELDEWERT: So as you may recall,
21 there was an order issued staying this case.

22 THE HEARING EXAMINER: I did.

23 MR. FELDEWERT: So I was a little
24 surprised that it was on the docket. But you're aware
25 of that background?

1 THE HEARING EXAMINER: Thank you for
2 reminding me. So then let's recess on these case.
3 Thank you.

4 We're moving on to I think number 55.
5 This is 24774, Avant Operating. Entries of
6 appearance, please?

7 MS. BENNETT: Good morning, Mr.
8 Examiner. Deana Bennett on behalf of Avant Operating.

9 THE HEARING EXAMINER: Thank you.

10 MR. FELDEWERT: Good morning, Mr.
11 Examiner. Michael Feldewert with Santa Fe office of
12 Holland & Hart for Mewbourne Oil Company.

13 THE HEARING EXAMINER: And have you
14 objected?

15 MR. FELDEWERT: Yes, sir.

16 THE HEARING EXAMINER: Okay. Why?

17 MR. FELDEWERT: We proposed the
18 competing Choctaw Bingo wells.

19 THE HEARING EXAMINER: And has that
20 been -- when you say "proposed," you mean you've sent
21 a proposal out?

22 MR. FELDEWERT: Sent proposals out.
23 Now there has been some discussions, I was informed,
24 with the other working interest owners and as a result
25 Mewbourne is considering modifying the proposals

1 before filing their pooling applications. So I
2 suspect that they're going to make that decision
3 shortly in conjunction with discussion with working
4 interest owners and then get the application filed as
5 soon as we can.

6 THE HEARING EXAMINER: And Ms. Bennett?

7 MS. BENNETT: Thank you. I believe I
8 was aware that Mewbourne was going to be sending out
9 competing applications or at least I have a question
10 to myself about whether Mewbourne will be filing
11 competing applications. And so what Avant would
12 suggest as a matter of efficiency is to set this case
13 for an October 31st status conference and at that
14 point we could evaluate what has been filed, what
15 hasn't been filed, and then we could evaluate
16 contested hearing dates.

17 Although, given the contested hearing
18 dates that we've been setting thus far and Avant's own
19 schedule, it seems like an early 2025 contested
20 hearing date is what we're looking at. But in any
21 event, an October 31st status conference or even a
22 November the first -- I guess if we're setting it for
23 a status conference in November, it'd be the second
24 November docket under the Division's new guidance.

25 THE HEARING EXAMINER: I think we

1 should set it for the October 31st docket for a status
2 conference. Let's see what's happening with this
3 proposal and then we can make some decisions --

4 MS. BENNETT: Thank you.

5 THE HEARING EXAMINER: Mr. Feldewert,
6 anything further?

7 MR. FELDEWERT: No. I agree. Thank
8 you.

9 THE HEARING EXAMINER: All right.
10 Thank you.

11 We're calling number 56, 57, 58, and 59
12 on our docket. These are Flat Creek Resource cases
13 24807, 08, 09, and 10. Entries of appearance, please?

14 MS. SHAHEEN: Sharon Shaheen, Spencer
15 Fane on behalf of Flat Creek Resources.

16 THE HEARING EXAMINER: Thank you.

17 MS. HARDY: Dana Hardy with Hinkle
18 Shanor on behalf of Permian Resources Operating and
19 also Harvard Petroleum Corporation.

20 THE HEARING EXAMINER: You said
21 "Harvard Petroleum"?

22 MS. HARDY: Correct.

23 THE HEARING EXAMINER: Thank you. Good
24 morning.

25 MS. HARDY: Good morning.

1 THE HEARING EXAMINER: Any other
2 parties, Ms. Shaheen?

3 MS. SHAHEEN: Not that I'm aware of.

4 THE HEARING EXAMINER: Ms. Hardy, did
5 you object?

6 MS. HARDY: Yes. We did object on
7 behalf of Permian Resources.

8 THE HEARING EXAMINER: And why did you
9 object?

10 MS. HARDY: Because the parties --
11 these cases were only recently filed. They were filed
12 on August 13th and the parties are exchanging offers
13 and negotiating and Permian Resources is evaluating
14 those offers and the potential for other development
15 opportunities.

16 THE HEARING EXAMINER: I understand.
17 Ms. Shaheen?

18 MS. SHAHEEN: Thank you, Mr. Examiner.
19 Flat Creek would like to go ahead and set this for a
20 contested hearing. They do have a state lease
21 expiration issue. They're currently on an indefinite
22 extension of time for their state leases and they're
23 having to report on a monthly basis the status of
24 drilling. And so they're concerned that this needs to
25 be heard as soon as possible.

1 THE HEARING EXAMINER: And do you have
2 a date for this expiration of the state lease?

3 MS. SHAHEEN: I understand it's
4 indefinite. So they're dependent on what the status
5 reports are on a monthly basis.

6 THE HEARING EXAMINER: Ms. Hardy?

7 MS. HARDY: Mr. Examiner, as I said,
8 these are new cases. The parties are negotiating.
9 There are four applications and Permian Resources does
10 need time to evaluate whether it is going to file
11 competing applications. So I would ask that these
12 cases be set for a status conference in October and
13 our preference would be October 31st. And at that
14 point, I think it would be reasonable to talk about a
15 contested hearing date.

16 THE HEARING EXAMINER: Ms. Shaheen, I
17 agree. That is a little too early to set these for a
18 contested hearing. I mean we could just guess at a
19 contested hearing, but I'm not sure that makes a lot
20 of sense. Why don't we come back in October? They
21 are your cases. Which docket in October you want to
22 come back on?

23 MS. SHAHEEN: We would prefer to come
24 back on the October 10th.

25 THE HEARING EXAMINER: We'll come back

1 in October 10 for a status conference.

2 So Ms. Shaheen, it will be up to you to
3 move these cases to that docket for a status
4 conference.

5 MS. SHAHEEN: Thank you. I'll probably
6 be asking Ms. Hardy to file those motions.

7 THE HEARING EXAMINER: I understand. I
8 didn't know -- now I do.

9 MS. HARDY: I will talk with Ms.
10 Shaheen about that.

11 THE HEARING EXAMINER: Okay.

12 MS. HARDY: Thank you.

13 THE HEARING EXAMINER: Someone move
14 these cases to the October 10 docket for a status
15 conference and we'll see what's going on with your
16 negotiations at that time.

17 Anything further?

18 MS. HARDY: Not from Permian Resources.

19 MS. SHAHEEN: Thank you, Mr. Examiner.

20 MS. HARDY: Thank you.

21 THE HEARING EXAMINER: We're in recess
22 on these cases.

23 Let's go to number 60 on our docket.

24 This is a status conference for Solaris Water
25 Midstream 24542. Entries of appearance?

1 MS. HARDY: Dana Hardy with Hinkle
2 Shanor on behalf of Solaris Water Midstream.

3 MR. BRUCE: Mr. Examiner, Jim Bruce on
4 behalf of Ridge Runner Resources II, LLC and Ridge
5 Runner Resources Operating, LLC. I did file an entry
6 of appearance, but it was late yet last night.

7 THE HEARING EXAMINER: Okay. Thank
8 you. Are you objecting?

9 MR. BRUCE: Ms. Hardy and I have been
10 in discussions. My client owns an offsetting well to
11 the Solaris proposed well, an existing well, and they
12 have been examining the whole situation to see whether
13 the drilling and completion of Solaris well would
14 adversely affect its well and had simply wanted more
15 time to conduct that examination and ask Solaris for a
16 four-week continuance which Ms. Hardy was fine with.
17 But I saw this on the docket late last night and so I
18 filed the entry of appearance. At this point, no,
19 they would not present an opposition case, but they
20 want to make sure first.

21 THE HEARING EXAMINER: Okay. Thank
22 you.

23 This case was originally on the docket
24 as a hearing by affidavit. You're aware of that, Ms.
25 Hardy?

1 MS. HARDY: Correct. And we had filed
2 the motion for continuance to October 10th actually.
3 We did file a motion at Ridge Runner's request before
4 they had entered an appearance. So I was expecting
5 the case would be continued, but I did see it on the
6 docket today.

7 THE HEARING EXAMINER: When I looked at
8 the case, I didn't see that motion. When did you file
9 the motion for a continuance?

10 MS. HARDY: Let me look that up.

11 THE HEARING EXAMINER: Okay. And while
12 you're looking that up --

13 Ms. Tschantz, did you see a motion to
14 continue this case?

15 MS. TSCHANTZ: Not yesterday. I'm
16 still unable to get into the system to look now, but
17 as of yesterday, no.

18 THE HEARING EXAMINER: Yeah. Ms.
19 Hardy, we didn't get that.

20 MS. HARDY: Okay. It sounds like maybe
21 there was a glitch, because I believe we filed that or
22 intended to file it a couple of weeks ago.

23 THE HEARING EXAMINER: Oh, definitely
24 not.

25 MS. HARDY: So let me check that, but

1 that's what we would request is that it be set for
2 October 10th.

3 THE HEARING EXAMINER: When we were
4 looking through the docket, we saw this hearing by
5 affidavit and the technical examiner and I looked at
6 the case and saw no pre-hearing statement and saw no
7 exhibits, so that's why we switched it to a status
8 conference and look through the imaging file has I
9 think five documents in total. Two of them are
10 dockets. So there were two continuances that I saw.

11 MS. HARDY: Correct.

12 THE HEARING EXAMINER: But the last
13 continuance was moving it to today.

14 MS. HARDY: Yes. I see that now.

15 THE HEARING EXAMINER: You see it?

16 MS. HARDY: So I don't see our motion.
17 So I will look into that and find out what happened,
18 but we would ask to continue it to October 10th.

19 THE HEARING EXAMINER: October 10?

20 MS. HARDY: Yes. If that's acceptable.

21 THE HEARING EXAMINER: And does that
22 give Mr. Bruce time to -- I guess it's a month.

23 Mr. Bruce?

24 MR. BRUCE: That's fine with me.

25 THE HEARING EXAMINER: So it'll be

1 hearing by affidavit on October 10?

2 MS. HARDY: Hopefully. Yes.

3 THE HEARING EXAMINER: I mean if
4 there's no objection from Mr. Bruce?

5 MS. HARDY: Correct. Yes. If no one
6 objects. Yes.

7 THE HEARING EXAMINER: Now you realize
8 that in the imaging system we have exhibits or an
9 application along with other documents that were filed
10 in May by you and these documents are dated four years
11 ago?

12 MS. HARDY: That's correct. There was
13 a C-108 injection application submitted several years
14 ago and then we updated the area of review information
15 with our hearing application that was filed in May.
16 But the technical issues, it's my understanding
17 haven't changed which was the reason we had just
18 updated the area of review map and the notice parties.

19 THE HEARING EXAMINER: Not to get
20 involved in how you present your case, but the
21 Division would give more weight to evidence that is
22 more recent.

23 MS. HARDY: We, in our affidavits,
24 would update any of the information in the C-108. The
25 C-108 I believe was submitted administratively to the

1 Division and it was objected to and so it was sort of
2 pending in limbo for quite a while and then we filed
3 the hearing application.

4 THE HEARING EXAMINER: I just wouldn't
5 want you to come to a hearing by affidavit and then
6 find out that the Division had problems with your
7 exhibits because they were old.

8 MS. HARDY: Absolutely. We would
9 update the exhibits. Thank you.

10 THE HEARING EXAMINER: Is there
11 anything further on this case, Ms. Hardy?

12 MS. HARDY: No. Thank you.

13 THE HEARING EXAMINER: All right.
14 Thank you.

15 All right. We are now going to our
16 first hearing by affidavit. It is 24755. It is Pinon
17 Midstream, number 61 on our docket. Entries of
18 appearance?

19 MR. RANKIN: Good morning, Mr.
20 Examiner. May I please the Division. Adam Rankin
21 with the Santa Fe office of Holland & Hart here on
22 behalf of the applicant Pinon Midstream, LLC. This
23 morning, Mr. Examiner, we have three witnesses
24 available present to address any questions from the
25 Division.

1 We have presented and filed with the
2 Division a hearing exhibit packet last week with our
3 pre-hearing statement which includes the testimony of
4 the two witnesses who are available. With us today is
5 Mr. Steven Green who is Pinon's CEO. Also, David
6 White with GOX who is the technical expert in this
7 case, and also joining us in the audience is Mr.
8 Patrick Westerheide. He's the company's general
9 counsel.

10 With that, Mr. Examiner, depending on
11 how the Division would like to proceed, I'm happy to
12 admit the testimony and exhibits into the record and
13 then presuming Mr. Gebremichael has questions, we can
14 call each witness, make them available for questions
15 and swear them in.

16 THE HEARING EXAMINER: You said it was
17 Mr. White and Mr. Green?

18 MR. RANKIN: Yeah. Mr. Green first and
19 then Mr. White.

20 THE HEARING EXAMINER: White?

21 MR. RANKIN: Yup.

22 THE HEARING EXAMINER: How do you spell
23 it?

24 MR. RANKIN: W-H-I-T-E.

25 THE HEARING EXAMINER: I understand.

1 Mr. Green and Mr. White, would you come
2 over to the witness stand and turn on the microphone
3 so we can get you sworn in?

4 And while they're doing that, Mr.
5 Rankin, which exhibits are you offering into evidence?

6 MR. RANKIN: Mr. Examiner, we've got
7 Exhibits A, B, C, and D.

8 THE HEARING EXAMINER: Okay.

9 MR. RANKIN: That were filed last
10 Thursday with the pre-hearing statement with their
11 attachments.

12 THE HEARING EXAMINER: All right.

13 Did you turn on the microphone?
14 There's a button on the right side. There's two
15 buttons. Press the one on the right side. It'll turn
16 green meaning it's on.

17 Are you Mr. Green or Mr. White?

18 MR. GREEN: Green.

19 THE HEARING EXAMINER: You see this?
20 Press this button. That's it.

21 MR. GREEN: All right.

22 Mr. White, would you stand next to Mr.
23 Green? Thank you. Okay.

24 Would you both state and spell your
25 names for the record?

1 MR. GREEN: Steven Green. That's S-T-
2 E-V-E-N G-R-E-E-N.

3 MR. WHITE: And David White. D-A-V-I-D
4 W-H-I-T-E.

5 THE HEARING EXAMINER: Would you raise
6 your right hands.

7 WHEREUPON,

8 DAVID WHITE,
9 called as a witness and having been first duly sworn
10 to tell the truth, the whole truth, and nothing but
11 the truth, was examined and testified as follows:

12 THE HEARING EXAMINER: Let the record
13 reflect that both witnesses affirmed.

14 Okay. Would you have a seat and we'll
15 call you when we're ready for you?

16 Okay. Let me look at your exhibits.
17 24755. It's going to take me a minute, Mr. Rankin.
18 Do you want to make a very brief presentation while
19 I'm doing this?

20 MR. RANKIN: Sure. While you're
21 pulling up the exhibits, Mr. Examiner, in this case
22 the applicant Pinon Midstream is seeking to amend a
23 commission order R-21455-B and administrative approval
24 SWD-2464 to increase the maximum daily injection rate
25 of treated acid gas for disposal through its

1 Independence AGI number 1 and number 2 wells from 20
2 million standard cubic feet per day to 28.5 million
3 standard cubic feet per day.

4 These two wells are existing wells.
5 They're located in Section 20, Township 25 South,
6 Range 26 East, in Lea County. And they're currently
7 disposing treated acid gas into the Devonian
8 formation. And with that, if you got it up, I'm happy
9 to continue just give a brief overview, or I can leave
10 it there?

11 THE HEARING EXAMINER: I have the table
12 of contents. I have 107-page submission. I have
13 Pinon Exhibit A self-affirmed statement of Mr. Green.

14 (Exhibit A was marked for
15 identification.)

16 He has three sub-exhibits. I have
17 Exhibit B self-affirmed statement of David White.

18 (Exhibit B was marked for
19 identification.)

20 Have both of these witnesses been
21 qualified as experts for the Division?

22 MR. RANKIN: Mr. Green, Mr. Examiner,
23 has testified previously before the Commission, but
24 not as an expert, as a fact witness.

25 THE HEARING EXAMINER: Okay.

1 MR. RANKIN: And Mr. White has
2 previously testified numerous times before the
3 Commission and has been qualified before the
4 Commission as an expert in the topics that he's been
5 identified in his statement.

6 THE HEARING EXAMINER: And are you
7 seeking to admit Mr. Green as an expert or just a fact
8 witness?

9 MR. RANKIN: Just a fact witness.

10 THE HEARING EXAMINER: Perfect. So we
11 don't need to worry about that. And then we have a
12 Pinon Exhibit C; a self-affirmed statement of
13 yourself?

14 (Exhibit C was marked for
15 identification.)

16 MR. RANKIN: That's correct.

17 THE HEARING EXAMINER: Okay. And then
18 we have affidavit of publication.

19 (Exhibit D was marked for
20 identification.)

21 When it comes to the notice --

22 Well, first of all are there any
23 objections to these exhibits?

24 Not hearing any, these exhibits are
25 admitted into evidence.

1 (Exhibits A through D were received
2 into evidence.)

3 The notice, was it timely?

4 MR. RANKIN: It was, Mr. Examiner, as
5 well as the affidavit of publication. They were
6 timely.

7 THE HEARING EXAMINER: Perfect. Okay.

8 Let's go to Mr. Gebremichael to see if
9 he had any questions and if so, which witness are we
10 going to call first.

11 MR. GEBREMICHAEL: Yes. I do have
12 questions and then we'll call Mr. White.

13 THE HEARING EXAMINER: Mr. White.

14 MR. GEBREMICHAEL: Yeah.

15 THE HEARING EXAMINER: Mr. White, do
16 you have a copy of your exhibits with you?

17 THE WITNESS: I do.

18 THE HEARING EXAMINER: Okay. Great.
19 So Mr. Gebremichael is going to direct you to an
20 exhibit and then ask you a question about it. Would
21 you sit close to the mic so it picks you up perfectly?

22 THE WITNESS: Yes, sir.

23 MR. GEBREMICHAEL: Thank you, Mr.
24 Examiner.

25 //

1 DIRECT EXAMINATION

2 BY MR. GEBREMICHAEL:

3 Q Mr. White, may I direct your attention to
4 Exhibit A, page 23 of 107?

5 THE HEARING EXAMINER: And Mr. Rankin,
6 can you pull up that exhibit on the screen?

7 Let's wait till he pulls it up.

8 MR. GEBREMICHAEL: 27. No, no, no.
9 I'm sorry. 23. Sorry. Are you sure that's the exact
10 one. I don't see 107. I see 53 instead.

11 THE WITNESS: It's a PDF page 23 of
12 107.

13 MR. GEBREMICHAEL: Okay. Oh here you
14 go. Yes. Yes. Here you go. The one that you
15 submitted to the --

16 May I proceed with the question?

17 THE HEARING EXAMINER: Yes.

18 BY MR. GEBREMICHAEL:

19 Q Mr. White, since Pinon conducted a new high
20 resolution 3D seismicity, which revealed new porosity
21 development and interconnectivity of the porous tract,
22 have you observed any change in the plume and pressure
23 front expansion compared to your original application
24 three years ago?

25 A So in acquiring the 3D seismic and kind of

1 refining our analysis, I don't know that we're seeing
2 whole sale difference in, you know, how much porosity
3 is available. We are getting more granular look at
4 it, but kind of the general trends in porosity
5 development are the same. And in our most recent
6 application that incorporates seismic data, we're
7 getting more access to it.

8 So in our original applications where we
9 ultimately had data available to cite the well in an
10 appropriate location, not having, you know, complete
11 access to those seismic data which Pinon has since
12 licensed themselves, allows us to incorporate those
13 data into the model. So in terms of being able to
14 compare, you know, the -- the storage capacity volume
15 in the area, is 2 or 3 percent higher or lower, it --
16 it's hard to say because we didn't have the ability to
17 quantify it earlier on.

18 But, we are seeing that the porosity
19 development in the area is confirmed and we've been
20 able to improve our simulation forecasts incorporating
21 those data in the more granular fashion. So we do see
22 when -- when comparing the plume footprints of those
23 two models, we do see of course a larger plume
24 extending about 2 miles from the wellbore, but not
25 encountering any additional wells. I think the

1 original simulations predicted the plume to extend
2 about 1.8 miles.

3 So we do see that introduction of the more
4 granular data kind of changing those results a little
5 bit, but overall the story of the footprint size and
6 migration direction being very similar. And we can
7 see the results of those simulations in a couple of
8 the figures later on in the exhibit here. That would
9 be in figures --

10 THE HEARING EXAMINER: Can you give us
11 page numbers?

12 THE WITNESS: Yes. So it would be
13 Figure 10 on page 36 of 53 in that submittal and then
14 also, page 35 of 53 showing the two case studies that
15 were presented in the application.

16 THE HEARING EXAMINER: Mr. Rankin, on
17 page 35 I have an Independence AGI number 1 graph. Is
18 that not right?

19 THE WITNESS: Yeah. So what's on the
20 screen now would be one of the two plume footprint
21 figures that I was referencing.

22 THE HEARING EXAMINER: And just for the
23 record that we know what you're looking at, what page
24 are we on and what exhibit is this?

25 MR. GEBREMICHAEL: Up here. 41. Up

1 top.

2 THE HEARING EXAMINER: So Mr. Rankin,
3 what exhibit number is this?

4 MR. RANKIN: This is Exhibit A-1. And
5 this is PDF page 41 of 107.

6 BY MR. GEBREMICHAEL:

7 Q Okay. So Mr. White my question is that it
8 did notice a growth in the expansion to some extent?

9 A Yes. Yes. To some extent. Owing to -- to
10 the fact that prior simulations were reflecting
11 operation of the wells at 20 versus what are current
12 application requests increasing that shared volume to
13 28.5.

14 Q Well, my next question the reason why I ask
15 you that question. Okay. The next question is
16 directed to you. It seems that all the technical
17 questions are directed to you. So if I may direct to
18 the PDF page 65 of 107, still on Exhibit A. So Mr.
19 White, as a condition of approval in your previous
20 application which is the R-21455-B where you got
21 approved for the 20 million standard cubic feet per
22 day?

23 A Yes, sir.

24 Q You were required to conduct SRT?

25 A Yes.

1 Q So my question to you, have you conducted
2 the SRT?

3 A Yes. And I believe the raw data and results
4 of that were submitted to the --

5 THE HEARING EXAMINER: What was the
6 answer?

7 THE WITNESS: Yes. The Step Rate tests
8 were conducted for both of the wells with a testing
9 program that I think reached up to ten barrels per
10 minute following -- following completion of the wells.

11 BY MR. GEBREMICHAEL:

12 Q Yeah. So my question here is would it be
13 able to give me the fracture gradient at that you
14 arrived and then the corresponding injection rate for
15 that fracture gradient?

16 A So I think looking -- I may need to look
17 back to confirm this, but the Step Rate test for the
18 wells up to ten barrels a minute and not going -- or I
19 think it went up to nine barrels per minute, 9.5,
20 something like that, we didn't have a clear indication
21 that the formation was fractured up to that rate.

22 Q Then it was inconclusive then?

23 A It was conclusive in that injection could be
24 up to ten barrels per minute with water and there was
25 no indication that those conditions fractured the

1 formation. So in terms of identifying it, we would
2 expect that it would be at some liquid water injection
3 rate beyond that.

4 Q Okay. So I really need to know the highest
5 pressure that you've reached and then the
6 corresponding rate because that would be crucial for
7 our --

8 A Yeah. And I may be able to -- if we were to
9 take a break, I think I can pull up the -- the surface
10 injection pressure versus rate from the Step Rate
11 test.

12 THE HEARING EXAMINER: Okay. Well,
13 let's take a break then. How many minutes do you need
14 for that? Five?

15 THE WITNESS: I think it's pulled up --
16 yeah.

17 THE HEARING EXAMINER: Five?

18 THE WITNESS: Exactly.

19 THE HEARING EXAMINER: We're going to
20 go in recess five minutes. We'll come back on the
21 record at 10:18. Thank you.

22 THE REPORTER: Off the record at 10:13
23 MDT.

24 (Off the record.)

25 THE HEARING EXAMINER: -- Mr.

1 Gebremichael is questioning witness David White.

2 Please continue.

3 MR. GEBREMICHAEL: Yes. Have you got
4 us any?

5 THE WITNESS: Yeah. I sent it to Mr.
6 Rankin and hopefully he'll be able to bring it up
7 here. So it'll be the surface injection pressure plot
8 versus rate for AGI number 1.

9 THE HEARING EXAMINER: Is this a
10 exhibit that's been admitted into evidence?

11 MR. RANKININ: Not at this time.

12 MR. GEBREMICHAEL: No.

13 THE HEARING EXAMINER: Not at this
14 time. All right. So then we'll deal with how we're
15 going to get this in later.

16 MR. RANKIN: Yes.

17 MR. GEBREMICHAEL: So may I proceed
18 with the next question, Mr. Examiner?

19 THE HEARING EXAMINER: Did you get your
20 question answered?

21 MR. GEBREMICHAEL: Well, not yet. This
22 one -- we'll have to go through this.

23 THE HEARING EXAMINER: All right.

24 MR. GEBREMICHAEL: Okay.

25 THE WITNESS: And in addition to this

1 the raw data for those testing operations I think
2 would've been filed with the Division following
3 drilling and completion activities for the wells. So
4 if we need to coordinate on just locating it, we
5 can -- we can do so.

6 MR. GEBREMICHAEL: Okay.

7 THE HEARING EXAMINER: So the question
8 was asked about -- we have a diagram here. Do you
9 want to explain how this diagram answers the question?

10 THE WITNESS: Yes. So this -- this
11 diagram reflects the results of Step Rate injection
12 test activities for Independence AGI number 1. It was
13 able to be retrieved pretty quickly. And I had
14 previously mentioned that in Step Rate testing, the
15 approved Siluro-Devonian injection reservoir up to a
16 rate of, and it looks like based on the way these
17 points are plotted, about 9.4 barrels per minute using
18 a freshwater injection fluid, we did not see any clear
19 evidence in these data that the formation broke over
20 or fractured in response to those pumping operations.

21 BY MR. GEBREMICHAEL:

22 Q What was the corresponding pressure?

23 A So the corresponding pressure would've been
24 again just kind of eyeballing it off of the -- the
25 plot -- or the points shown in the data set here would

1 probably have been around 5,500 PSI at the surface.

2 Q Yeah. Thank you. Yeah. All right. That
3 answers my question. I think I'll proceed with the
4 next question.

5 A Sure.

6 Q And then still it's going to be for you, Mr.
7 White. If I may direct your attention PDF page number
8 19 of 107? Mr. White, in your application you stated
9 that you can achieve 28.5 million standard cubic feet
10 per day with the existing maximum allowable surface
11 injection pressure. How will you achieve this? For
12 example, how will you address the surface pumping
13 efficiency and friction challenges along the injection
14 tube?

15 A So in terms of the surface pumping, you
16 know, kind of my expertise in terms of surface
17 operations is kind of limited towards the wellbore
18 itself, but I can tell you that from monitoring and
19 evaluating the operation of these wells, specifically
20 with the AGI number 1 since late 2021, we do have
21 continuous monitoring of both surface injection
22 pressure as well as bottom hole pressure.

23 So we get -- and the bottom hole pressure is
24 retrieved from a sensor that is installed immediately
25 overlying the packer and so at any point for any

1 particular injection rate since 2021 we can look at
2 the relationship of surface hole pressure to bottom
3 hole pressure and get a sense of that frictional loss
4 down the wellbore and make sure when we start pursuing
5 higher injection rates that we understand friction and
6 understand that it's attainable.

7 Being an inject data of a mixed acid gas
8 stream of CO2 and H2S, it is significantly less
9 viscous than -- than water. And so you have much less
10 frictional loss than you would see with volume
11 equivalent of water.

12 Q Thank you, Mr. White. Yeah. It still is
13 going to be you, Mr. White.

14 A Could I add one more thing?

15 Q Absolutely.

16 A And -- and we'll probably discuss this a
17 little bit more as your questions progress, but also
18 the simulation and the modeling in which we
19 incorporate history matching and -- and operation
20 since 2021, also is a physics based simulation
21 platform that predicts the ability to maintain that
22 injection rate under the current MAOP limitations.

23 Q Okay. Thank you. If I may direct your
24 attention to page 23 of 107? We call them the PDF
25 pages I guess. My question is Mr. White, regarding

1 your data input for the FSP, you used a maximum
2 injection range -- the range is between 5,500 barrels
3 to 30,000 barrels a day. Have you considered the
4 scenario where the AGI wells and then the offsetting
5 SWD wells inject their allowed maximum daily rate
6 simultaneously? The point that I'm trying to get at
7 is --

8 A Can you repeat the question or -- or may I
9 clarify? Are you asking the -- currently the AGI
10 wells are simulated at 5,500 barrels per day which
11 would reflect approximately 50 percent of that 28.8 --
12 or 28.5 million. Is that what you're asking?

13 Q No. No. That's not my question. My
14 question is in that table -- if you go a little bit
15 down, you will see the table and in order to arrive
16 for your FSP, you used the range between 5,500 to the
17 maximum 30,000. So that includes also the SWD wells?

18 A Yes. But the simulation -- so the 5,500 per
19 day would be splitting 28 and a half million between
20 each of the AGI wells and then running -- operating
21 them as such at the maximum for a full 30-year period.

22 Q Yes. Where is that be? I think there is a
23 table. If you want to go down a little bit.

24 A So is it the table on --

25 Q This one. This table. Table 3.

1 A Yes.

2 Q So the Table 3, you could see you got from
3 5,500 and then also you got the 20,000 for the SWD
4 wells?

5 A Well, we have 20,000 for one SWD well, --

6 Q And then 30,000 for the other one.

7 A -- 10,000 and then 30.

8 Q Yes. So my question to you is the AGI wells
9 and then the SWD wells which is owned by another
10 operator, they could inject simultaneously. So have
11 you done a cumulative volume?

12 A Yes.

13 Q Cumulation?

14 A This Table 3 reflects all the -- of the
15 wells that are included in the simulation. So the
16 fault slip probability simulation does consider all of
17 these wells injecting simultaneously at their posted
18 rates ranging between 5,500 barrels per day through
19 30,000 barrels per day for a 30-year period or more
20 specifically even longer than a 30-year period because
21 for some of these wells, we have also run the
22 simulation with their volumes injected that were
23 reflected in the OCD records.

24 So you'll see some of them were operated as
25 far back as 2015 simulating -- making the FSP model

1 re-simulate their reported volumes that they injected
2 from 2021 through the present or 2015 through the
3 present.

4 Q Okay. Thank you. All right. I'll proceed
5 to the next question. If I may direct your attention
6 to page 30 of 107? All right. So in your AOR
7 analysis, there is one well which is the West Jal Deep
8 B number 1 which is the active well, SWD well that is.
9 It is within 1 mile that penetrates the injections of
10 the two AGI wells.

11 Do you think this well should be equipped
12 with a subsurface safety valve as it may be affected
13 by the plume and pressure front expansion in the
14 requested increase rate?

15 A Do I think it should be outfitted with one?
16 I'm -- I think as demonstrated by our modeling and
17 simulation, it certainly has an impact on our plume.
18 When we consider it to be running which it has been,
19 it has the effect of deflecting our plume which is not
20 to be -- not really unsuspected due to the volumes
21 that that project operates versus the volumes that we
22 do.

23 Ultimately they most recently in 2023, I
24 think, averaged about 28, 30, or a little bit in
25 excess of 30,000 barrels. I think if they continue to

1 operate as such, they will continue to deflect what we
2 are doing, the acid gas from migrating towards them.
3 I think as that operation moves towards being sunset
4 and retired, then maybe certainly considering how it
5 is plugged, how it is shut in will be important
6 questions and maybe also putting in some sort of valve
7 that physically prevents that as well. I think as
8 long as they're operating, they will continue to have
9 that deflecting effect of acid gas.

10 Q Thank you. All right. I'll proceed to the
11 next question. If I may direct your attention to page
12 30 of 107? My question here Mr. White is the other
13 well that penetrates the injection zone of the AGI
14 wells is the plugged well which is the West Jal number
15 1, which is about 0.67 miles where the East side,
16 yeah. And you stated that based on your previous
17 C-108 application, you have proven that it is properly
18 plugged and do you have a CBL for that well? Have you
19 acquired any CBL for that well?

20 A So I can't recall if the OCD records had CBL
21 records for it. I recall and they were included as
22 attachments in prior applications. I do recall
23 multiple plugs being set and well-documented for that
24 well. I do not recall off the top of my head if a CBL
25 has been available for it and at this point, you know,

1 capturing and -- or acquiring one of those would --
2 would involve re-entry of that.

3 Q Yeah. So with the requested increase rate,
4 do you think it might be necessary to conduct surface
5 inspection for CO2 and then H2S to ensure that the
6 plug is still holding maybe down the road in three
7 years?

8 A I wouldn't -- I wouldn't consider that to be
9 unreasonable at all and I think those types of
10 questions can be -- you know, we are as many AGI wells
11 are now periodically updating our simulations on a
12 routine basis and I think -- I -- I think keeping a
13 sense of where things are going and what the potential
14 liabilities are in your project area, I -- I wouldn't
15 see that as being a bad thing.

16 MR. GEBREMICHAEL: Those are my
17 questions, Mr. Examiner.

18 THE HEARING EXAMINER: Thank you.
19 Are there any questions for the other
20 witness?

21 MR. GEBREMICHAEL: No.

22 THE HEARING EXAMINER: No. Okay.

23 Mr. Rankin, redirect?

24 MR. RANKIN: Just a couple quick
25 questions for purposes of clarifying the record.

1 CROSS-EXAMINATION

2 BY MR. RANKIN:

3 Q Mr. White, in referring to the Step Rate
4 tests that Mr. Gebremichael asked you to discuss, you
5 mentioned that the maximum surface injection pressure
6 achieved during that test was around 5,500 or a little
7 above 5,500 PSI at the surface?

8 A Yes. Based on a visual inspection of this
9 data set.

10 Q And what were the maximum surface injection
11 pressures that are currently set for each of these AGI
12 wells? What's the current --

13 A The current limitation?

14 Q Yeah.

15 A Yes. So for the AGI number 1, the AGI
16 number 1 has a maximum allowable injection pressure of
17 4,779 PSI and then the AGI number 2 has a maximum
18 injection pressure of 5,005 PSI.

19 Q And based on this test then, those injection
20 limits would result in no impairment or adverse impact
21 to the formation based on this test; is that correct?

22 A Yes. That's correct.

23 Q And then also this test was based on
24 freshwater. The inject state here is treated acid gas
25 which is not a full liquid; is that right?

1 A Is not what?

2 Q A full liquid.

3 A Yes. It is a compressed dense phase or
4 supercritical fluid.

5 Q And so if Pinon were to get its request to
6 increase the injection rate to 28.5 million standard
7 cubic feet per day, what's the conversion factor from
8 millions of cubic feet per day to volume on a barrel
9 basis? So what's 28.5 million converted to barrels?

10 A So it -- it is very dependent on pressure
11 and temperature, but for these reservoir conditions
12 having drilled the wells and operated the wells we
13 expect that in reservoir volume to be about 11,000
14 barrels per day.

15 Q Okay. So in terms of injection into the
16 Devonian, that would be on the middle range or lower
17 medium range in terms of what the Division approves
18 for injection into the Devonian compared to a
19 saltwater disposal well?

20 A Yeah. That would be a -- a small-to-modest
21 SWD in the -- in the grand scheme of things because
22 there's -- are permitted 25, 30 with -- with other
23 instances in excess of 30, but --

24 Q And then the wells that Mr. Gebremichael was
25 asking you about that are in the area of review,

1 whether these wells are injecting at 20 million
2 standard cubic feet per day or 28.5 standard million
3 cubic feet per day; correct?

4 A That's correct. The wells were identified
5 in the initial application process and through all
6 subsequent amendments to the application. They're
7 still in place and no additional wells penetrating the
8 injection reservoir have -- have come into the area.

9 MR. RANKIN: No further questions, Mr.
10 Examiner.

11 THE HEARING EXAMINER: Mr.
12 Gebremichael, do you have any cross-examination based
13 on the redirect on what you just heard?

14 MR. GEBREMICHAEL: Yeah. Just one
15 question I had for Mr. White.

16 REDIRECT EXAMINATION

17 BY MR. GEBREMICHAEL:

18 Q You mentioned 11,000 barrels per day, is
19 that shared or per single well?

20 A That would be shared.

21 MR. GEBREMICHAEL: That's all I have,
22 Mr. Examiner.

23 THE HEARING EXAMINER: Okay. Thank
24 you.

25 This witness may be excused.

Page 117

1 Thank you.

2 THE WITNESS: Thank you.

3 THE HEARING EXAMINER: Okay. Mr.
4 Rankin, does that conclude your case in chief?

5 MR. RANKIN: It does Mr. Examiner. If
6 the Division would like and I'm happy to do this, is
7 to admit this chart that's on the screen here as an
8 exhibit. I think it would be B1 and we can admit that
9 to the record.

10 (Exhibit B1 was marked for
11 identification and received into
12 evidence.)

13 If that would be satisfactory, we can
14 file as a supplemental exhibit or amend the exhibit
15 back and so it's all complete?

16 THE HEARING EXAMINER: Yes. This
17 exhibit is admitted into evidence and yes. Please
18 file an amended exhibit packet with a cover letter
19 stating why you needed this exhibit to be entered
20 during the hearing.

21 MR. RANKIN: Will do.

22 THE HEARING EXAMINER: And I'm going to
23 turn this over to Mr. Gebremichael in case he needs
24 any additional information in that exhibit packet.

25 MR. GEBREMICHAEL: I think I'm fine,

1 Mr. Examiner.

2 THE HEARING EXAMINER: All right. Mr.
3 Rankin, this case will be taken under advisement once
4 you file the amended exhibit packet.

5 MR. RANKIN: Thank you.

6 THE HEARING EXAMINER: All right.

7 We're off the record in this case.

8 We're going to move on to case number
9 62 on our docket. It is joined -- no, it's not. Spur
10 Energy is not joined. Entries of appearance, please.

11 MS. MCLEAN: Yes. Jackie McLean with
12 Hinkle Shanor on behalf of Spur Energy Partners.

13 THE HEARING EXAMINER: Good morning.

14 MS. MCLEAN: Good morning.

15 THE HEARING EXAMINER: Are there any
16 other parties?

17 MS. MCLEAN: I do not believe in this
18 case, Mr. Examiner.

19 THE HEARING EXAMINER: Okay. And
20 you're presenting by affidavit?

21 MS. MCLEAN: I am.

22 THE HEARING EXAMINER: Okay. Please.

23 MS. MCLEAN: Thank you. In case number
24 24608, Spur applies for an order applying all
25 uncommitted interest in the Yeso formation underlying

1 a 320-acre more or less standard horizontal spacing
2 unit comprised of the North half of Section 25,
3 Township 17 South, Range 27 East, in Eddy County and
4 Spur will dedicate the unit to the Taylorcres 25
5 Federal 10H, 20H, 70H, 21H, and 71H wells and this is
6 a proximity tract spacing unit.

7 We submitted an amended exhibit packet
8 yesterday at the request of Hearing Examiner McClure
9 and the land and geology witnesses have both
10 previously testified. So unless there are additional
11 questions, I ask the exhibits be admitted into the
12 record and that the cases be taken under advisement.

13 THE HEARING EXAMINER: And when you say
14 that your witnesses have previously testified, are you
15 also saying that they've been accepted in their field
16 of expertise by the Division?

17 MS. MCLEAN: Yes. That's correct.

18 THE HEARING EXAMINER: Thank you. I'm
19 looking at the exhibits that were filed yesterday.
20 There's an amended exhibit packet with a cover letter
21 and I have Exhibits A and subparts B and subpart C and
22 subparts.

23 (Exhibit A, Exhibit B, and Exhibit C
24 were marked for identification.)

25 Are there any objections to admitting

1 these exhibits into evidence?

2 Not hearing any these exhibits are
3 admitted into evidence and I'll turn to Mr. McClure.

4 (Exhibit A, Exhibit B, and Exhibit C
5 were received into evidence.)

6 Mr. McClure, any questions?

7 MR. MCCLURE: Mr. Hearing Examiner, I
8 do not have any questions for this case.

9 THE HEARING EXAMINER: Thank you, Ms.
10 McClean. This case is taken under advisement.

11 MS. MCLEAN: Thank you.

12 THE HEARING EXAMINER: Thank you.

13 Calling number 63 through 66. These
14 are XTO Energy cases 24667, 68, 69, and 70. Entries
15 of appearance, please?

16 XTO?

17 Okay. We're in recess on these cases.

18 I'm now turning to case number 67 on
19 our docket, Ameredev 24699.

20 Mr. Rankin, we called XTO, four cases,
21 24667, 68, 69, and 70. Entries of appearance, please?

22 MR. RANKIN: Mr. Examiner, good
23 morning, may it please the Division. Adam Rankin
24 appearing on behalf of XTO, the applicant in these
25 cases.

1 THE HEARING EXAMINER: And how are we
2 proceeding?

3 MR. RANKIN: Mr. Examiner, I believe
4 there have been no objections to these cases
5 proceeding by affidavit. So therefore, I would like
6 to present each of these cases to the Division today
7 by affidavit.

8 THE HEARING EXAMINER: Are you able to
9 present them as a group?

10 MR. RANKIN: For the most part, Mr.
11 Examiner, I can. The acreage is all the same.
12 There's slight differences, so I will want to just
13 kind of -- I'll provide some commonalities at the
14 front and then I'll walk through each one as their
15 unique --

16 THE HEARING EXAMINER: Please.

17 MR. RANKIN: Mr. Examiner, good
18 morning. In these cases, XTO Holdings, LLC is the
19 applicant and seeks an order pooling all uncommitted
20 interest owners in the Bone Spring formation and in
21 the Wolfcamp. The acreage involved here is in
22 Sections 3, 10, and 15, in Township 25 South, Range 29
23 East, in Eddy County.

24 In each of these cases, XTO Energy,
25 Incorporated will be the designated operator and in

1 each of these cases, XTO is seeking to pool only non-
2 cost bearing record title interest owners for purposes
3 of obtaining a federal communitization agreement. So
4 all these parties are not subject to any of the
5 compulsory pooling interest charges or any cost
6 withholdings.

7 In the first two cases, Mr. Examiner,
8 in 24667 and 24668, these involve the Bone Spring
9 formation. In the first case, 67, XTO seeks an order
10 pooling all interest in the Bone Spring underlying a
11 standard 959.4-acre horizontal spacing unit comprised
12 of the East half equivalent of Section 3 and the East
13 half of Sections 10 and 15 in the acreage I described.

14 The completed interval of the proposed
15 Shanghai Rooster 15-3 Fed 107H will be a proximity
16 well allowing inclusion of the adjacent tracts into
17 this proposed spacing unit. Also, on the Shanghai
18 Rooster 15-3 125H is a non-standard well location for
19 which XTO is already received an approved NSL order,
20 non-standard location order.

21 In the related case ending in 68, XTO
22 is seeking a pooling order committing all interest in
23 the Bone Spring formation underlying the same,
24 approximately 959.8 acres in the West half of the same
25 sections. The completed interval of the Shanghai

1 Rooster 15-3 Fed 103H will be a proximity well
2 allowing inclusion of the adjacent tracts into the
3 spacing unit.

4 As to each of those cases, Mr.
5 Examiner, the exhibits reflect the -- Exhibits A, B,
6 C, D, E, and F were filed with the Division last week.

7 (Exhibit C through Exhibit F were
8 marked for identification.)

9 Exhibit A is the compulsory pooling
10 checklist.

11 (Exhibit A was marked for
12 identification.)

13 Exhibit B is the applications that were
14 filed by XTO in these cases.

15 (Exhibit B was marked for
16 identification.)

17 THE HEARING EXAMINER: Mr. Rankin, I
18 have them.

19 MR. RANKIN: You have all that?

20 THE HEARING EXAMINER: But let me ask
21 you a simple question?

22 MR. RANKIN: Yes.

23 THE HEARING EXAMINER: Has your landman
24 and geologist been accepted by the Division as an
25 expert?

1 MR. RANKIN: Mr. Examiner, the landman
2 has. The geologist has not yet.

3 THE HEARING EXAMINER: Okay. Very
4 good. Do we have Mr. Gary Ottinger with us?

5 MR. RANKIN: We should, Mr. Examiner.

6 THE HEARING EXAMINER: I'll wait till
7 Ms. Tschantz links Mr. Ottinger.

8 Are you Mr. Ottinger? Okay. Can you
9 unmute yourself because we can't hear you?

10 MR. RANKIN: Yesterday they were having
11 a little bit of a problem with Teams when we were
12 connecting with them.

13 THE HEARING EXAMINER: I see.

14 MR. RANKIN: They may have to check
15 their mic input to see if it's set --

16 THE HEARING EXAMINER: Mr. Ottinger,
17 you can also call in while you're on the screen. You
18 can use a phone to use the -- so I tell you what,
19 while you're connecting so we can hear you --

20 Mr. Rankin, let's get your exhibits
21 admitted into evidence.

22 Are there any objections? We have an
23 amended exhibit packet here. No?

24 Okay. In case numbers 24667 and 68,
25 XTO Exhibits A through F are admitted into evidence.

1 (Exhibits A through F were received
2 into evidence.)

3 And I'm going to turn to Mr. McClure.
4 Mr. McClure, do you have any questions for the
5 witnesses in these two cases?

6 MR. MCCLURE: Mr. Hearing Examiner, I
7 do not have questions for any of the four cases which
8 would include these two cases here.

9 THE HEARING EXAMINER: Okay. Very
10 good.

11 So Mr. Rankin, if you want Mr. Ottinger
12 to be admitted as an expert for the future, we can do
13 that today. But, since he's having difficulty with
14 his microphone, we may also wait for another day.

15 MR. RANKIN: That's fine, Mr. Examiner.
16 You know, his resume is attached to his testimony. It
17 does reflect --

18 THE HEARING EXAMINER: Do you have the
19 page number?

20 MR. RANKIN: I do. It's PDF page 22.

21 THE HEARING EXAMINER: Let me look.
22 Okay. I'm looking at page 23 of 38 and I see "Mr.
23 Gary Ottinger, geoscientist, with an education and
24 employment history." And you're seeking him as an
25 expert in what?

1 MR. RANKIN: Petroleum geology.

2 THE HEARING EXAMINER: Petroleum
3 geology. Based on his education alone he qualifies as
4 an expert in the field of petroleum geology. I'm not
5 even getting into his work experience, but I see
6 there's plenty of it.

7 So yes, from here on in, Mr. Ottinger
8 is an expert in petroleum geology before the Division
9 and we got that out of the way today. Okay. Now I've
10 admitted the exhibits in two cases. Let's admit the
11 exhibits in the other two and since Mr. McClure has no
12 questions, we can take these four under advisement,
13 Mr. Rankin.

14 MR. RANKIN: I'm happy to do that, Mr.
15 Examiner. And the other two cases which involve the
16 Wolfcamp formation underlying the same acreage, the
17 same cases, Mr. Examiner, Exhibits A through F, the
18 same witnesses testify as to the suitability of the
19 acreage and provide all the information necessary for
20 a compulsory pooling approval.

21 (Exhibits A through F were marked for
22 identification.)

23 With that, Mr. Examiner, I would move
24 the admissions of A through F in the other two cases
25 as well.

1 THE HEARING EXAMINER: So I'm looking
2 at 24769 and I see a revised exhibit packet. Does
3 24770 also have a revised exhibit packet?

4 MR. RANKIN: I believe it was also
5 revised. Yes.

6 THE HEARING EXAMINER: Okay. Very
7 good. Okay. I'm looking at a table of contents, XTO
8 Exhibits A through F in both cases.

9 Are there any objections?

10 Not hearing any, your exhibits are so
11 admitted into evidence in both 24769 and 24770 and we
12 will take all four cases under advisement.

13 (Exhibits A through F were received
14 into evidence.)

15 Thank you, Mr. Rankin.

16 MR. RANKIN: Thank you.

17 THE HEARING EXAMINER: Let me go back
18 to our docket now. I am on line number 67, Ameredev
19 Operating 24699. It does look like it's joined with
20 its maybe sister case 24701. Entries of appearance,
21 please?

22 MR. RANKIN: Mr. Examiner, Adam Rankin
23 appearing on behalf of the applicant Ameredev
24 Operating in this case with the Santa Fe office of
25 Holland & Hart.

1 THE HEARING EXAMINER: In both cases or
2 just one?

3 MR. RANKIN: Both cases.

4 THE HEARING EXAMINER: Both cases.

5 Any other entries?

6 MS. HATLEY: Good morning, Mr.

7 Examiner. Keri Hatley entering appearance on behalf
8 of ConocoPhillips in case 24699.

9 THE HEARING EXAMINER: Thank you. And
10 are you monitoring or objecting?

11 MS. HATLEY: Only monitoring.

12 THE HEARING EXAMINER: Monitoring only.
13 Thank you. Have you had a chance to review the
14 exhibits?

15 MS. HATLEY: I have.

16 THE HEARING EXAMINER: Good. Are there
17 any objections to the exhibits in either case?

18 MS. HATLEY: No, sir.

19 THE HEARING EXAMINER: Okay. Very
20 good.

21 Mr. Rankin?

22 MR. RANKIN: Thank you, Mr. Examiner.

23 Mr. Examiner, last week on the deadline to file
24 exhibits, we filed an exhibit packet containing
25 Exhibits A through F. Exhibit A is the compulsory

1 pooling application checklist with the information
2 necessary for the Division to review.

3 (Exhibit A was marked for
4 identification.)

5 Exhibit B is the application that as
6 filed in the case.

7 (Exhibit B was marked for
8 identification.)

9 Exhibit C is the self-affirmed
10 statement of Ms. Lizzy Laufer who is the landman who
11 previously testified before Division and accepted.

12 (Exhibit C was marked for
13 identification.)

14 Attached to her statement is our
15 Exhibit C1 through C5 which are normally presented
16 exhibits regarding the land tracts, C-102s, and
17 efforts to communicate with the pool parties.

18 Exhibit D is the self-affirmed
19 statement of Mr. Parker Foy, who is the petroleum
20 geologist.

21 (Exhibit D was marked for
22 identification.)

23 He has previously testified and also
24 has had his credentials accepted. Attached to his
25 affidavit are his geologic maps and analyses showing

1 that the acreage is suitable for development by
2 horizontal wells.

3 Exhibit E is the self-affirmed
4 statement of notice reflecting that we did provide
5 timely notice to each of the parties subject to
6 pooling.

7 (Exhibit E was marked for
8 identification.)

9 And then also Exhibit F is the
10 affidavit of publication which also was timely.

11 (Exhibit F was marked for
12 identification.)

13 If there are no objections, Mr.
14 Examiner, we move the admission of Exhibits A through
15 F and their attachments and ask that the case be taken
16 under advisement.

17 THE HEARING EXAMINER: Perfect.
18 Any objections to these exhibits?

19 MS. HATLEY: No.

20 THE HEARING EXAMINER: Thank you.

21 Ameredev Exhibits A through F are
22 admitted into evidence in both case number 24699 and
23 24700 [sic].

24 (Exhibits A through F are received into
25 evidence.)

1 Mr. McClure?

2 MR. MCCLURE: Mr. Hearing Examiner, I
3 do have a question for Mr. Foy.

4 THE HEARING EXAMINER: Mr. Foy, can we
5 get you on the screen, please?

6 MR. RANKIN: I don't know if he's here.
7 I didn't have a chance to tell him.

8 THE HEARING EXAMINER: Mr. Foy, are you
9 there?

10 MS. TSCHANTZ: He is not here.

11 THE HEARING EXAMINER: Okay.

12 We can come back to this case, Mr.
13 Rankin, if you want to communicate with your client
14 and get him to join?

15 MR. RANKIN: Yeah. I'll do, Mr.
16 Examiner. I didn't have a chance to warn him that it
17 was coming up.

18 THE HEARING EXAMINER: No worries.

19 MR. MCCLURE: Mr. Hearing Examiner, we
20 may -- I'll have the same question for the next
21 Ameredev case, too.

22 THE HEARING EXAMINER: That's fine.
23 We're in recess on both cases until we can get the
24 witness sworn in and before us.

25 So we're going to move on while Mr.

1 Rankin deals with that issue and I think I stated the
2 wrong case number before. I said 24700 and I
3 should've said 24701. So the exhibits in 24701 are
4 admitted into evidence.

5 Okay. We're now on line 69 which is
6 24750 Permian Resources. Entries of appearance,
7 please?

8 MS. SHAHEEN: Sharon Shaheen on behalf
9 of Permian Resources Operating.

10 THE HEARING EXAMINER: Good morning.
11 Are there any other parties?

12 MS. SHAHEEN: I don't believe so.

13 THE HEARING EXAMINER: Very good. Ms.
14 Shaheen, are you proceeding by affidavit?

15 MS. SHAHEEN: Yes. I am.

16 THE HEARING EXAMINER: And your
17 witnesses are available?

18 MS. SHAHEEN: Yes. They are.

19 THE HEARING EXAMINER: Okay. Please,
20 proceed.

21 MS. SHAHEEN: Thank you. In this case,
22 Permian Resources seeks to pool a non-standard unit
23 consisting of 1,290 acres, Sections 9 and 10, 19 South
24 33 East, wherein they proposed to drill four Bone
25 Spring wells. They will be seeking administrative

1 approval of that non-standard unit. The family of
2 wells are the Delorean 9 10 Fed Com wells. We did
3 timely file our exhibits on September 5th.

4 We filed revised exhibits when the only
5 working interest owner who was being pooled signed a
6 JOA. We filed those revised exhibits on September
7 10th. We are only seeking to pool overriding royalty
8 interest in these cases. Turning to the exhibits.

9 At the top of the exhibit package is
10 the checklist and the application. Exhibit A is the
11 Self-affirmed statement of Landman Kevin Woolley, and
12 he has previously testified before the Division.

13 (Exhibit A was marked for
14 identification.)

15 He has the usual exhibits for a landman
16 including Exhibit A1, ownership interest and leases.

17 (Exhibit A1 was marked for
18 identification.)

19 A2 chronology of context.

20 (Exhibit A2 was marked for
21 identification.)

22 C-102s is Exhibit A3.

23 (Exhibit A3 was marked for
24 identification.)

25 I would note that we've included both

1 the old form of the C-102s and the new form because
2 the old forms were previously approved, but they went
3 ahead and filled out the new forms as well which have
4 not been approved. Exhibit A4 is the well proposal
5 letter with AFEs.

6 (Exhibit A4 was marked for
7 identification.)

8 And Exhibit A5 is the notice letter.

9 (Exhibit A5 was marked for
10 identification.)

11 Turning to Exhibit B which is the self-
12 affirmed statement of geologist, Cole Hendrickson.

13 (Exhibit B was marked for
14 identification.)

15 Mr. Hendrickson has not previously
16 testified before the Division, but his resume is
17 attached as PDF page 65 and he is also I believe
18 attending virtually today.

19 THE HEARING EXAMINER: Okay.

20 Mr. Hendrickson, can you turn on your
21 camera and your microphone?

22 While he's doing that, I'd like to draw
23 your attention, Ms. Shaheen, to Exhibit C2, the
24 affidavit of publication?

25 //

1 (Exhibit C2 was marked for
2 identification.)

3 MS. SHAHEEN: Okay.

4 THE HEARING EXAMINER: It's the last
5 page of your --

6 MS. SHAHEEN: The very last page?

7 THE HEARING EXAMINER: Please.

8 MS. SHAHEEN: Okay. I'm there.

9 THE HEARING EXAMINER: You're there.
10 It looks like it doesn't meet the ten-day requirement.

11 MS. SHAHEEN: August 29th. Let me pull
12 up --

13 THE HEARING EXAMINER: While you're
14 calculating that, let me deal with Mr. Hendrickson.

15 Mr. Hendrickson, would you raise your
16 right hand, please.

17 WHEREUPON,

18 COLE HENDRICKSON,
19 called as a witness and having been first duly sworn
20 to tell the truth, the whole truth, and nothing but
21 the truth, was examined and testified as follows:

22 THE HEARING EXAMINER: What field are
23 you seeking to be admitted as an expert?

24 THE WITNESS: Geoscience.

25 THE HEARING EXAMINER: Geoscience.

1 Petroleum geoscience?

2 THE WITNESS: Yes, sir.

3 THE HEARING EXAMINER: All right. What
4 education do you have toward that?

5 THE WITNESS: I have a bachelor's
6 degree in geology, as well as a master's degree in
7 geology.

8 THE HEARING EXAMINER: Could you be a
9 little bit more forthcoming in the years that you
10 obtained those and from where?

11 THE WITNESS: Yes. I received my
12 bachelor's degree in geology from Tarleton State
13 University in Stephenville, Texas in 2015 and I
14 received a master's degree in geology from Stephen F.
15 Austin State University in Nacogdoches, Texas in 2017.

16 THE HEARING EXAMINER: Okay. And then
17 what experience do you have that goes toward that
18 expertise?

19 THE WITNESS: I've been practicing as a
20 geologist in the oil and gas industry for about seven
21 years spanning from working as a field geologist/mud
22 logger in the field in the Permian basin. I've worked
23 for multiple companies. Most of my career is focused
24 on the Permian -- has been focused on the Permian
25 Basin, particularly the Delaware Basin.

1 THE HEARING EXAMINER: What is your
2 current title?

3 THE WITNESS: I'm an asset geologist
4 for Permian Resources and I work the Lea County area.

5 THE HEARING EXAMINER: And when did you
6 start that?

7 THE WITNESS: When Permian Resources
8 became a public company in 2022.

9 THE HEARING EXAMINER: 2022?

10 THE WITNESS: Yes, sir.

11 THE HEARING EXAMINER: Okay. Thank
12 you. All right. You are heretofore qualified as an
13 expert in petroleum geoscience.

14 Let's go back to Ms. Shaheen. Do you
15 confer?

16 MS. SHAHEEN: [No audible response.]

17 THE HEARING EXAMINER: Right. All
18 right. So what we'll do is once we accept your
19 exhibits into evidence and we stand for questioning of
20 your witnesses, if there is any, we'll keep the record
21 open and we'll come back on another day to cure the
22 notice issue. So okay, let's get your exhibits
23 entered into evidence.

24 Are there any objections?

25 Not hearing any, your exhibits in case

1 number 24750 are admitted into evidence. This is the
2 revised exhibit that you filed.

3 (Exhibit A through Exhibit B were
4 received into evidence.)

5 And I turn to Mr. McClure.

6 MR. MCCLURE: Mr. Hearing Examiner, I
7 do have questions for Mr. Hendrickson.

8 THE HEARING EXAMINER: Mr. Hendrickson,
9 can we get you back on the camera, please?

10 THE WITNESS: Yes, sir.

11 THE HEARING EXAMINER: Okay. I remind
12 you, you're under oath.

13 Mr. McClure?

14 MR. MCCLURE: Thank you, Mr. Hearing
15 Examiner.

16 Mr. Hendrickson, is Permian still
17 seeking a NSP via this hearing application?

18 THE WITNESS: I can't comment to that.
19 I would have to refer to -- to Mr. Woolley the landman
20 on the project.

21 MR. MCCLURE: I apologize. I thought
22 you were the landman. You're the geologist, Mr.
23 Hendrickson?

24 THE WITNESS: Yes, sir. I am.

25 MR. MCCLURE: Okay. I apologize, Mr.

1 Hearing Examiner. I do not have a question for this
2 witness.

3 THE HEARING EXAMINER: Okay. Very
4 good. Do we need to get Mr. Woolley on the camera?
5 Mr. McClure, do you have a question for the landman?

6 MR. MCCLURE: Yes, sir. I do.

7 THE HEARING EXAMINER: Okay. Very
8 good.

9 How do you say your witness's name, Mr.
10 Rankin, is it Woolley?

11 MR. WOOLLEY: That's right.

12 THE HEARING EXAMINER: I'm sorry. How
13 do you pronounce her name?

14 MR. WOOLLEY: It's Woolley.

15 THE HEARING EXAMINER: Woolley. Very
16 good. Would you state and spell your name for the
17 record?

18 MR. WOOLLEY: Yes. My name is Kevin
19 Woolley. That's K-E-V-I-N W-O-O-L-L-E-Y.

20 THE HEARING EXAMINER: Would you raise
21 your right hand?

22 WHEREUPON,

23 KEVIN WOOLLEY,
24 called as a witness and having been first duly sworn
25 to tell the truth, the whole truth, and nothing but

1 the truth, was examined and testified as follows:

2 THE HEARING EXAMINER: Okay. Very
3 good.

4 Mr. McClure?

5 MR. MCCLURE: Thank you, Mr. Examiner.

6 Mr. Woolley, is Permian still
7 requesting an NSP via this hearing application?

8 THE WITNESS: Not in this -- not in
9 this application, sir, no.

10 MR. MCCLURE: Okay. Thank you, sir.
11 Is Permian still seeking overhead supervision rates in
12 this application?

13 THE WITNESS: No, sir. The last
14 working interest party that was previously not pooled
15 has agreed to a operating agreement. So the overhead
16 rates won't be necessary under this -- under this
17 hearing.

18 MR. MCCLURE: Okay. Thank you, sir.

19 Mr. Hearing Examiner, I have no further
20 questions. Although, I would like them to submit
21 amended compulsory pooling checklist that removes
22 supervision rates.

23 THE HEARING EXAMINER: Okay. Thank
24 you, Mr. McClure.

25 Ms. Shaheen?

1 MS. SHAHEEN: Absolutely.

2 THE HEARING EXAMINER: Okay. And we
3 have time because we're coming back. We'll come back
4 on October 3rd. You'll file a continuance to the
5 October 3rd docket to clean up the record here and
6 file a amended exhibit packet with a cover letter and
7 then we'll remove this one from the record once you do
8 that.

9 MS. SHAHEEN: Thank you. Will do.

10 THE HEARING EXAMINER: All right. Very
11 good. And just for the record, Ms. Shaheen, would you
12 state and spell the name of Mr. Hendrickson because I
13 didn't ask him that?

14 MS. SHAHEEN: I believe his first name
15 is Cole, C-O-L-E. Last name Hendrickson, H-E-N-D-R-I-
16 C-K-S-O-N.

17 THE HEARING EXAMINER: Thank you, Ms.
18 Shaheen.

19 Okay. We are in recess on this case.
20 Mr. Rankin, do you -- not yet? No.

21 MR. RANKIN: Our landman is tracking
22 him down.

23 THE HEARING EXAMINER: Okay. Sounds
24 good.

25 Let's move on then. We'll go to line

1 70 on our docket. This is Colgate Operating for an
2 amendment. Entries of appearance, please?

3 MS. MCLEAN: Yes. Jackie McLean with
4 Hinkle Shanor on behalf of Colgate and then we're
5 presenting by affidavit.

6 THE HEARING EXAMINER: Please.

7 MS. MCLEAN: In case number 24768,
8 Colgate requests the Division pool additional
9 uncommitted interests in the terms of Division order
10 R-23009 and on May 15, 2024, the Division issued order
11 R-23009-A which pooled additional uncommitted
12 interests, but since that order was entered, Colgate
13 has identified additional uncommitted interests that
14 need to be pooled under R-23009.

15 And an exhibit packet was submitted
16 last week for this case and Mason Maxwell, the
17 landman, has previously been qualified by the Division
18 as an expert in petroleum land matters. So I ask that
19 Exhibits A and B and their subparts be admitted into
20 the record and that case number 24768 be taken under
21 advisement.

22 (Exhibit A and Exhibit B were marked
23 for identification.)

24 THE HEARING EXAMINER: Thank you, Ms.
25 McLean. We have an amended exhibit packet that was

1 filed yesterday based on the direction of our
2 technical examiner.

3 So are there any objections to these
4 exhibits?

5 These exhibits are admitted into
6 evidence as they are amended.

7 (Exhibit A and Exhibit B were received
8 into evidence.)

9 Mr. McClure, do you have any questions
10 for Mr. Maxwell?

11 MR. MCCLURE: Mr. Hearing Examiner, I
12 have no questions for this case.

13 THE HEARING EXAMINER: All right.

14 Ms. McLean, this case will be taken
15 under advisement.

16 MS. MCLEAN: Thank you.

17 THE HEARING EXAMINER: We're moving now
18 to line 71 on our docket and I will call that case
19 once I find it. And there are three cases that are
20 joined, 24775, 76, and 77. Entries of appearance,
21 please?

22 MS. MCLEAN: Yes. Jackie McLean with
23 Hinkle Shanor on behalf of Permian Resources
24 Operating.

25 THE HEARING EXAMINER: Thank you.

1 Please, proceed.

2 MS. MCLEAN: Thank you. In these
3 cases, Permian Resources seeks to pool uncommitted
4 interest in the North half of Sections 32 and 33,
5 Township 20 South, Range 27 East, in Eddy County, New
6 Mexico. And case number 24775 deals with a 640-acre
7 Wolfcamp proximity tract spacing unit, and that unit
8 will be dedicated to the Ventura 32 33 Fed Com 201H
9 well.

10 And then there are two 320-acre Bone
11 Spring units. The North half North half of Sections
12 32 and 33, which will be dedicated to the Ventura 32
13 33 Fed Com 121H and 131H wells and the South half
14 North half of Sections 32 and 33 which will be
15 dedicated to the Ventura 32 33 Fed Com 122H and 132H
16 wells.

17 And we submitted exhibit packets for
18 each of these cases last week, as well as an amended
19 exhibit packet yesterday at the request of Hearing
20 Examiner McClure in case 24777 only. And the land and
21 geology witnesses have been previously admitted to
22 testify as experts in land and geology.

23 So unless there are additional
24 questions, I ask that the exhibits be admitted into
25 evidence in case numbers 24775, 76, and 77 and that

1 the cases be taken under advisement.

2 THE HEARING EXAMINER: Are there any
3 objections?

4 Your exhibits are admitted in all three
5 cases.

6 (Case 24775, 24776, and 24777 Exhibits
7 were marked for identification and
8 received into evidence.)

9 Mr. McClure, are there any questions in
10 these three cases?

11 MR. MCCLURE: Mr. Hearing Examiner, I
12 have no questions for any of these three cases.

13 THE HEARING EXAMINER: Ms. McLean,
14 these three cases are taken under advisement.

15 MS. MCLEAN: Thank you.

16 THE HEARING EXAMINER: Mr. Rankin?

17 MR. RANKIN: I think about 11:30 our
18 time Mr. Foy will be available.

19 THE HEARING EXAMINER: Oh, excellent.

20 MR. RANKIN: Yeah. So I have to defer
21 again.

22 THE HEARING EXAMINER: That's
23 wonderful.

24 All right. I'm now going to line 74,
25 24791. Mewbourne Oil?

1 MS. HARDY: Dana Hardy with Hinkle
2 Shanor on behalf of Mewbourne Oil Company.

3 THE HEARING EXAMINER: Please proceed.

4 MS. HARDY: Thank you. In this case,
5 Mewbourne seeks an order pooling uncommitted interest
6 in the Bone Spring formation underlying a 240-acre
7 standard unit comprised of the North half of the North
8 half of Section 27 and the North half of the Northwest
9 quarter of Section 26, Township 18 South, Range 28
10 East, in Eddy County and proposes to dedicate the unit
11 to the Woodford 27 26 State Com 611H well.

12 We've provided the affidavits of
13 Landman Braxton Blandford and Geologist Justin Roeder
14 in our exhibit packets. Both of those witnesses have
15 previously testified and been accepted as experts in
16 their respective fields before the Division.

17 (Case 24791 Exhibit Packet was marked
18 for identification.)

19 Mr. Blandford provides his standard land
20 exhibits, the pool party and ownership information is
21 included in his Exhibit A3.

22 (Exhibit A3 was marked for
23 identification.)

24 Mr. Roeder provides the standard
25 geology exhibits. Exhibit C is my notice affidavit

1 and the associated attachments.

2 (Exhibit C was marked for
3 identification.)

4 We are only pooling one party in this
5 case and that party did receive our notice letter
6 regardless that we did timely publish on August 24th.
7 So with that, unless there are questions, I request
8 that these exhibits be admitted and that the case be
9 taken under advisement.

10 THE HEARING EXAMINER: Are there any
11 objections?

12 These exhibits are admitted into
13 evidence.

14 (Case 24791 Exhibit Packet, Exhibit A3,
15 and Exhibit C were received into
16 evidence.)

17 Mr. McClure?

18 MR. MCCLURE: No questions for this
19 case, Mr. Hearing Examiner.

20 THE HEARING EXAMINER: This case is
21 taken under advisement.

22 MS. HARDY: Thank you.

23 THE HEARING EXAMINER: I go now to line
24 75. This is Chevron U.S.A. It looks like there's
25 several cases for Chevron. I'll call them all

1 together. 24792, 24793, and 24794.

2 MR. RANKIN: Mr. Examiner, the 24794
3 case is a separate case and will be addressed
4 separately.

5 THE HEARING EXAMINER: Okay.

6 MR. RANKIN: Even though it involves
7 the same area, it's a different matter. But the other
8 two cases I can address at once.

9 THE HEARING EXAMINER: Very good.
10 Please.

11 So entries of appearance?

12 MR. RANKIN: Mr. Examiner, Adam Rankin
13 with Holland & Hart, Santa Fe, appearing on behalf of
14 the applicant in this case, Chevron U.S.A. We have
15 two cases that we're seeking pooling orders on and am
16 presenting these cases by affidavit.

17 THE HEARING EXAMINER: Okay. Please,
18 proceed.

19 MR. RANKIN: Mr. Examiner, in case
20 24792, Chevron seeks an order pooling all uncommitted
21 mineral owners in the Bone Spring formation underlying
22 a standard 480-acre spacing unit in the West half of
23 Section 33 and the Northwest quarter equivalent of
24 Section 4 adjacent. The completed interval of the
25 proposed Dagger Lake 4-33 Federal 402H well will be a

1 proximity well allowing the adjacent tracts to be
2 included in this spacing unit. We filed Exhibits A
3 through F in this case. Exhibit A is a copy of the
4 compulsory pooling checklist.

5 (Exhibit A was marked for
6 identification.)

7 Exhibit B was the application that was
8 filed.

9 (Exhibit B was marked for
10 identification.)

11 Exhibit C is the statement of Chevron's
12 landman, Mr. Nicholas Angelle, who has previously
13 testified and been accepted as an expert in petroleum
14 land matters.

15 (Exhibit C was marked for
16 identification.)

17 His Exhibits C1 through C3 are also
18 attached reflecting that in this case Chevron is
19 seeking to pool only overriding royalty interest
20 owners with non-cost bearing interest.

21 (Exhibit C1, Exhibit C2, and Exhibit C3
22 were marked for identification.)

23 Exhibit D is the affidavit of Chevron's
24 geologist, Mr. Jason Parizek. He's previously
25 testified before Division and has had his credentials

1 accepted.

2 (Exhibit D was marked for
3 identification.)

4 His Exhibits D1 through D5 reflect that
5 the acreage is appropriate for horizontal well
6 development.

7 (Exhibits D1 through D5 were marked for
8 identification.)

9 Exhibit E and F are the notice exhibits
10 reflecting that we provided notice to each of the
11 parties subject to pooling in this case and also by
12 publication.

13 (Exhibit E and Exhibit F were marked
14 for identification.)

15 The next case is 24793 and again
16 Chevron seeks to pool all uncommitted interest owners
17 again in the Bone Spring formation under a 480-acre
18 more or less standard spacing unit on the Southwest
19 quarter of Section 4 and the West half of Section 9.
20 In the acres identified, again there is a well that
21 will serve as a proximity well. It's the Dagger Lake
22 4 9 Federal 414H well that allows the inclusion of
23 additional tracts.

24 In this case again Exhibits A through F
25 were filed with the Division. Same sequence of

1 exhibits, same witnesses. Mr. Examiner, they have
2 previously testified. Again in this case, Chevron is
3 seeking to pool only the non-cost bearing overriding
4 royalty interests in this acreage.

5 With that, Mr. Examiner, we would move
6 the admission of Exhibits A through F in both cases
7 and ask that they be taken under advisement.

8 THE HEARING EXAMINER: Do we have your
9 landman available?

10 MR. RANKIN: We do. He's in the
11 audience today.

12 THE HEARING EXAMINER: Oh, he's in the
13 audience.

14 How do you say your last name, please?

15 MR. ANGELLE: Angelle.

16 THE HEARING EXAMINER: Would you please
17 come and have a seat at the witness stand, please?
18 And I see the microphone is on so if you'll just sit
19 close to it. Would you raise your right hand, please?

20 WHEREUPON,

21 NICHOLAS ANGELLE,
22 called as a witness and having been first duly sworn
23 to tell the truth, the whole truth, and nothing but
24 the truth, was examined and testified as follows:

25 THE HEARING EXAMINER: Very good. And

1 you're seeking to be qualified as a petroleum landman
2 expert?

3 THE WITNESS: That's correct.

4 THE HEARING EXAMINER: Perfect. What
5 education do you have toward that?

6 THE WITNESS: Received a bachelor of
7 science degree in professional land and resource
8 management from the University of Louisiana in 2015.
9 Since then I've been working in the oil and gas
10 industry as a petroleum landman six years with
11 Chevron.

12 THE HEARING EXAMINER: All with
13 Chevron?

14 THE WITNESS: All with Chevron.

15 THE HEARING EXAMINER: And what titles
16 have you held?

17 THE WITNESS: Land representative for
18 Chevron Pipeline and Power for five years from 2018 to
19 2022 and then land representative as that development
20 and business development for our New Mexico team
21 subsurface AD.

22 THE HEARING EXAMINER: For the last two
23 years?

24 THE WITNESS: For the last two years.
25 That's correct.

1 THE HEARING EXAMINER: Okay. All
2 right. From here on in, you're qualified as a
3 petroleum landman before this Division. Thank you.
4 Let's see if there's any questions for you.

5 So let's get these exhibits admitted.
6 Are there any objections?

7 Your exhibits are admitted in all three
8 [sic] cases.

9 (Exhibits A through F were received
10 into evidence.)

11 THE REPORTER: This is the court
12 reporter. Apology to interrupt. Could you have the
13 witness spell their name, please?

14 THE HEARING EXAMINER: I sure will.
15 Would you state and spell your name,
16 please?

17 THE WITNESS: Nicholas Angelle, N-I-C-
18 H-O-L-A-S A-N-G-E-L-L-E.

19 THE HEARING EXAMINER: Thank you.

20 Mr. McClure, are there any questions?

21 MR. MCCLURE: Mr. Hearing Examiner, I
22 have no questions for either of these first two cases.

23 THE HEARING EXAMINER: You said "first
24 two cases." There's three cases all together.

25 MR. MCCLURE: Yes. But the compulsory

1 pooling cases, I do not have any questions for that
2 being docket number 75 and 76.

3 THE HEARING EXAMINER: Okay. What
4 about --

5 MR. MCCLURE: The non-compulsory
6 pooling, the Closed-Loop Gas Capture case, I will have
7 questions for that one.

8 THE HEARING EXAMINER: Okay. Well,
9 that case was called. Who do you have a question for?

10 MR. MCCLURE: I have a question for the
11 project engineer, the reservoir engineer, and for the
12 geologist. But, I believe that maybe we -- Mr. Rankin
13 has not put on his presentation for that case yet.
14 It's completely separate from these first two cases.

15 THE HEARING EXAMINER: I see. So are
16 you saying that's number 79?

17 MR. RANKIN: Mm-hmm.

18 THE HEARING EXAMINER: Okay.

19 MR. MCCLURE: No. It'd docket number
20 77. Oh yes. Well it's case 24794. That's an
21 entirely separate case.

22 THE HEARING EXAMINER: Okay. And I did
23 call that case and I've admitted the exhibits into
24 evidence in that case. So who do you have a question
25 for?

1 MR. RANKIN: Mr. Examiner, if I could
2 just jump in.

3 THE HEARING EXAMINER: Please.

4 MR. RANKIN: I'm sorry if I wasn't
5 clear.

6 THE HEARING EXAMINER: Can you turn
7 your microphone on?

8 MR. RANKIN: Yeah. If I wasn't clear.
9 I meant to be clear that actually we were only
10 presenting at this time the first two cases.

11 THE HEARING EXAMINER: I didn't
12 understand that.

13 MR. RANKIN: Yeah. So 24792 and 24793
14 are the compulsory pooling cases and the other case we
15 would present separately because it's a separate
16 matter.

17 THE HEARING EXAMINER: But, we don't
18 have any questions for 92 and 93. So those cases are
19 taken under advisement. So why don't you present 94
20 and we'll get your exhibits admitted.

21 MR. RANKIN: Okay. Mr. Examiner, in
22 case number 24794, this is a more complex case. This
23 is a case in which Chevron seeks an order authorizing
24 it to engage in a closed-loop gas capture injection
25 project in the Bone Spring formation within a proposed

1 4,800-acre more or less project area consisting of the
2 acreage described in the application. We have three
3 witnesses available today in the audience who are
4 available to address Mr. McClure's questions. Last
5 week we --

6 THE HEARING EXAMINER: Mr. Rankin,
7 before you proceed any further, we do have an entry of
8 appearance and I haven't heard of Ms. Kessler entering
9 an appearance.

10 Ms. Kessler are you --

11 MS. KESSLER: Good morning.

12 THE HEARING EXAMINER: There you are.

13 MS. KESSLER: Yes. Good morning, Mr.
14 Examiner. Jordan Kessler on behalf of EOG Resources.
15 We're here today to listen to the technical evidence
16 that's presented. We won't have any questions and no
17 objections to exhibits or witnesses.

18 THE HEARING EXAMINER: Thank you, Ms.
19 Kessler.

20 Mr. Rankin, are there any other parties
21 that have entered an appearance in this case?

22 MR. RANKIN: Not to my knowledge, Mr.
23 Examiner. I think, you know, she's the only one.

24 THE HEARING EXAMINER: Please excuse
25 the interruption and proceed.

1 MR. RANKIN: No problem. Mr. Examiner,
2 last week we filed an advance of the hearing with the
3 pre-hearing statement, our exhibit packet which is
4 comprised of Exhibits A through F. Exhibit A is a
5 copy of the application that was filed along with the
6 supporting materials and exhibits.

7 (Exhibit A was marked for
8 identification.)

9 Exhibit B is the self-affirmed
10 statement of Dr. Victor Torrealba. He's the project
11 engineer. He has not testified before Division yet.

12 (Exhibit B was marked for
13 identification.)

14 We did include his CV outlining his
15 credentials. We are seeking in this case to qualify
16 him I believe it was an expert in surface facilities
17 engineering and production engineering. We also have
18 included in the exhibits Mr. Elson Core Suarez's
19 testimony.

20 (Exhibit C was marked for
21 identification.)

22 He has also not previously testified
23 and we're seeking to qualify him as an expert in
24 petroleum geology. And then finally we have Dr. Yula
25 Tang.

1 (Exhibit D was marked for
2 identification.)

3 He has previously testified before
4 Division and has had his credentials as an expert in
5 reservoir engineering already accepted by the
6 Division.

7 THE HEARING EXAMINER: Thank you.

8 MR. RANKIN: Exhibit E and F are the
9 notice exhibits.

10 (Exhibit E and Exhibit F were marked
11 for identification.)

12 Mr. Examiner, since there are no
13 objections, we would move the admission at this time
14 of Exhibits A through F and then Mr. Examiner, because
15 we have each of our witnesses available, they can be
16 available for questioning from Mr. McClure.

17 THE HEARING EXAMINER: Mr. Torrealba
18 and Mr. Core Suarez, would you please come over to the
19 witness stand and on the microphone there are two
20 buttons. Would you press the right one? That's it.
21 Thank you. Would you state and spell your names
22 clearly for the record?

23 DR. TORREALBA: Victor Torrealba, V-I-
24 C-T-O-R T-O-R-R-E-A-L-B-A.

25 DR. SUAREZ: Elson Core Suarez. E-L-S-

1 O-N C-O-R-E S-U-A-R-E-Z.

2 THE HEARING EXAMINER: Thank you.

3 Let's get you both sworn in at the same time. Would
4 you please both raise your right hands, please?

5 WHEREUPON,

6 VICTOR TORREALBA, PH.D.,

7 called as a witness and having been first duly sworn
8 to tell the truth, the whole truth, and nothing but
9 the truth, was examined and testified as follows:

10 Okay. Let the record reflect that they
11 both affirmed.

12 Mr. Torrealba, would you please have a
13 seat in the witness stand.

14 Yes. We're going to do this one at a
15 time and then I'll call you, sir.

16 THE HEARING EXAMINER: You're seeking
17 to be admitted as an expert before this Division in
18 what field?

19 THE WITNESS: We are expecting that for
20 surface facilities -- facilities engineering and
21 production engineering.

22 THE HEARING EXAMINER: I didn't
23 understand you. Will you say it a little louder and a
24 little slower?

25 THE WITNESS: Facilities engineering

1 and production engineering.

2 THE HEARING EXAMINER: Facilities
3 engineering and production engineer?

4 THE WITNESS: Yes, sir.

5 THE HEARING EXAMINER: Yeah. Okay.
6 What education do you have toward those fields?

7 THE WITNESS: I have an honors
8 bachelor's degree in petroleum and natural gas
9 engineering from the Pennsylvania State University.
10 That was achieved in 2014. Master's degree in
11 petroleum engineering. That was achieved concurrently
12 so also 2014. And then a Ph.D. in petroleum
13 engineering and that was achieved in 2017.

14 I was then serving as a postdoctoral
15 fellow in petroleum engineering for a two-year period
16 in Saudi Arabia and then I joined Chevron full time in
17 2019 in our technical centers, so essentially it was
18 two to three years in research and development with a
19 focus on Permian operations, hydrocarbon gas injection
20 piloting. So essentially enhanced recovery processes.

21 And then after that I've been in our
22 business unit related to asset development. So I've
23 been working as a characterize and define reservoir
24 engineer for two years and again, focus on the
25 Permian. And since the beginning of this year, I have

1 been serving as a senior production engineering
2 advisor in our operations organization.

3 THE HEARING EXAMINER: Okay. Thank
4 you. So this Division recognizes you as an expert as
5 a product engineer in the fields that you just
6 testified to.

7 Since you're on the witness stand, Mr.
8 McClure, do you have any questions for Mr. Torrealba?

9 MR. MCCLURE: Yes. I do, Mr. Hearing
10 Examiner.

11 THE HEARING EXAMINER: Okay. He's been
12 sworn in so please proceed.

13 MR. MCCLURE: Okay. Thank you.

14 Mr. Torrealba, could I direct your
15 attention to page 149 of 221?

16 THE HEARING EXAMINER: And just for the
17 record, what exhibit is that and someone can tell me
18 whether it's the witness or Mr. McClure or Mr. Rankin,
19 what exhibit are we looking at?

20 MR. MCCLURE: I believe it's Exhibit B.
21 Is that correct, Mr. Rankin?

22 MR. RANKIN: That's right.

23 THE HEARING EXAMINER: B what though?
24 There's B1, 2, and 3 and then there's B. So which one
25 are we talking about?

1 MR. RANKIN: It's Exhibit B, Mr.
2 Examiner.

3 THE HEARING EXAMINER: B. Just B.
4 Your self-affirmed statement?

5 Mr. McClure, the question is to the
6 self-affirmed statement?

7 MR. MCCLURE: Yes. That's correct, Mr.
8 Hearing Examiner.

9 THE HEARING EXAMINER: Perfect. Go
10 right ahead.

11 MR. MCCLURE: In paragraph 13 there's
12 reference to approximate measured depths. Is it
13 correct that these are the total vertical depths
14 instead?

15 THE WITNESS: That's correct.

16 MR. MCCLURE: Okay. Thank you, sir.
17 If I may direct your attention to, I guess this is the
18 application Exhibit A, page 62 of 221? Oh, Mr. Rankin
19 already got us there. Do you see what I'm referring
20 to, sir?

21 THE WITNESS: I can see it.

22 MR. MCCLURE: Okay. Thank you. On
23 this page, it appears that there are some missing
24 labels. Like specifically 44 through 47, I think may
25 be missing; is that correct?

1 THE WITNESS: I would have to
2 doublecheck and in fact I believe that our petroleum
3 geologist might be better qualified to speak to this
4 particular issue.

5 MR. MCCLURE: Okay. I can --

6 THE HEARING EXAMINER: Mr. McClure, do
7 you have any other questions for this witness before I
8 call the petroleum geologist?

9 MR. MCCLURE: Yes. I do, Mr. Hearing
10 Examiner. I was reading my notes. Go ahead.

11 THE HEARING EXAMINER: Oh.

12 MR. MCCLURE: Yeah. I was reading my
13 notes. I was getting ready to direct him to the next
14 area.

15 THE HEARING EXAMINER: Go right ahead.

16 MR. MCCLURE: Okay. Thank you, sir.
17 I believe this is also a part of
18 Exhibit A, the application, page 118 of 221. Was that
19 prepared under your direction, sir?

20 THE WITNESS: Correct.

21 MR. MCCLURE: Okay. On these tables,
22 is the reference that's on the left-hand column, is
23 that referring to the labels that were on the AOR
24 maps?

25 THE WITNESS: I believe so. Yes.

1 MR. MCCLURE: Okay. If I can draw your
2 attention to page 125? Do you see where those Matador
3 wells -- that are referring to Matador wells, like 44,
4 45, 46, 47 towards the bottom of the page there?

5 THE WITNESS: I can see them.

6 MR. MCCLURE: So this table here, it
7 was directed under your guidance; is that correct?

8 THE WITNESS: That is correct. We work
9 closely with our petroleum technologist who was able
10 to procure this information.

11 MR. MCCLURE: Okay. Thank you, sir.
12 The AOR map though that these labels reference, that
13 was not prepared under your guidance then; is that
14 correct?

15 THE WITNESS: It was.

16 MR. MCCLURE: Oh. Okay. So earlier
17 you stated that I should ask the geologist about the
18 labels on that map. Was I understanding you
19 correctly?

20 THE WITNESS: I believe your point was
21 asking regarding some missing numbers. So he may be
22 able to provide the connection between the two, but if
23 you have any specific question, more than happy to
24 address those.

25 MR. MCCLURE: I guess what my question

1 is, I'm trying to figure out why some of these numbers
2 seem to be missing from that AOR map and are you aware
3 of why that might be I guess?

4 THE WITNESS: So if I recall correctly,
5 that map that you share was really looking at the
6 quarter mile and then if you're looking at the numbers
7 here, we're looking at the half mile. So potentially
8 some of these wells that are not shown in the quarter
9 mile map are beyond that quarter mile. So if you see
10 here at the title of this exhibit "Half-mile AOR."
11 That would be my current thinking.

12 MR. MCCLURE: If I can draw your
13 attention back to page 62 of 221? Which AOR map is
14 this depicting?

15 THE WITNESS: Half a mile.

16 MR. MCCLURE: Do you know why this map
17 may be missing those labels?

18 THE WITNESS: At this time, I don't.

19 MR. MCCLURE: Okay. Thank you, sir.
20 So it was probably just -- would it be fair to say
21 that it was perhaps just an oversight then?

22 THE WITNESS: I believe so.

23 MR. MCCLURE: Okay. Thank you, sir.

24 Sorry to keep jumping back around, but
25 if we could go back to those AOR tables, Mr. Rankin?

1 Page 118 would be fine.

2 Sir, on these tables, there's a column
3 that's labeled "Set At Feet TOC-BOC." Do you see the
4 one I'm referring to?

5 THE WITNESS: Correct.

6 MR. MCCLURE: Okay. Thank you, sir. I
7 guess my question is the "TOC," does it stand for top
8 of cement?

9 THE WITNESS: That's right.

10 MR. MCCLURE: And does "BOC," does that
11 stand for bottom of cement then?

12 THE WITNESS: Yes, sir.

13 MR. MCCLURE: Okay. So then for the
14 different casing strings, is it accurate to say that
15 the bottom of cement is also the casing setting depth?

16 THE WITNESS: That would be my
17 understanding.

18 MR. MCCLURE: Okay. For the liners, is
19 the top of the liner depicted anywhere on this table?

20 THE WITNESS: Are you referring to the
21 surface and intermediates?

22 MR. MCCLURE: No, sir. I'm referring
23 to some of these wells have production liners in them
24 and I wasn't sure, is that top of that liner depicted
25 anywhere in this table?

Page 167

1 THE WITNESS: I would have to go back
2 and confirm that.

3 MR. MCCLURE: I'm trying to think
4 exactly how -- Mr. Hearing Examiner, as I go through
5 should I provide them with a list of additional
6 documents I would like to see or do you want me to
7 wait till the end and do it all at once?

8 THE HEARING EXAMINER: Could you do
9 that at the end?

10 MR. MCCLURE: Yes. I definitely could.

11 THE HEARING EXAMINER: Okay.

12 MR. MCCLURE: I just wasn't sure what
13 you thought would be ideal.

14 THE HEARING EXAMINER: And do you still
15 want to ask the petroleum geologist about the missing
16 numbers or do you feel like you have the answer from
17 this witness?

18 MR. MCCLURE: Mr. Hearing Examiner, I
19 believe that I have the answer from this witness.

20 THE HEARING EXAMINER: Okay. Thank
21 you. So please proceed with your questions.

22 MR. MCCLURE: Okay. Thank you, Mr.
23 Hearing Examiner.

24 Sir, if I can draw your attention to
25 page 52 of 221? I'm sorry, sir, I wasn't waiting to

1 confirm. Are you with me?

2 THE WITNESS: I am.

3 MR. MCCLURE: All right. Thank you,
4 sir. There's reference to the gas allocation in both
5 your affidavit and the reservoir engineer's affidavit.
6 Should I direct my questions to the reservoir engineer
7 or yourself in regards to the gas allocation method?

8 THE WITNESS: You can start with me and
9 then if there are any follow-ups, we can definitely go
10 back to the reservoir engineer.

11 MR. MCCLURE: Okay. Thank you, sir.
12 Is my understanding correct that Chevron is proposing
13 a mass balance methodology for injection events less
14 than seven days?

15 THE WITNESS: Yes.

16 MR. MCCLURE: Do you believe that this
17 would be an accurate methodology?

18 THE WITNESS: I believe it would be
19 reasonably accurate and practical for the purposes of
20 this type of events that we're hoping to address with
21 the closed-loop gas capture technology.

22 MR. MCCLURE: Please provide I guess
23 why do you feel that it would provide you with an
24 accurate allocation?

25 THE WITNESS: Yeah. So first I want to

1 bring reference to our earlier application for a
2 closed-loop gas capture project, the Salado Draw.
3 It's another area in that particular order that was
4 approved earlier in this year. We essentially have
5 been looking to execute a mass balance application.

6 The thinking here is that as you're
7 injecting gas for short interruptions, most cases
8 we're looking at about a day of interruptions, most of
9 that gas that you're injecting into the system will
10 actually stay very close to your wellbore, near your
11 stimulated reservoir volume and the belief is that,
12 you know, from a mechanistic perspective, as you're
13 introducing that gas into the system, it will truly be
14 the first gas that is going to be coming out once we
15 bring those wells back into production.

16 The technical team, and you can ask
17 additional questions to the reservoir engineer, we
18 believe that when we look at extended modeling for
19 this process over the life of the well and you compare
20 the EURs in a case in which you don't have closed-loop
21 gas capture and you do have closed-loop gas capture,
22 you're able to recover the same amount of gas over an
23 extended period of time and for very short periods,
24 like shown here, one day of injection within a single
25 month you're able to recover the same amount of gas

1 that you injected with the mass balance approach
2 versus GOR methods.

3 MR. MCCLURE: So within 30 days do you
4 believe that a GOR method and a mass balance method
5 would have the same computed allocation?

6 THE WITNESS: Yes.

7 MR. MCCLURE: Do you have data
8 supporting that conclusion?

9 THE WITNESS: Well, at this time given
10 the fact that we haven't been able to execute this
11 project at scale, we don't have enough data and we
12 also understand that, you know, we don't have data
13 particular to this field Dagger Lake.

14 So definitely that is something that we
15 will be able to collect if this project gets approved.
16 The data that we have is synthetic in the form of
17 numerical simulations and you have an example in this
18 particular screen where we're able to compare what
19 would be the allocation methodology for a simulated
20 event of one day of injection and how long would it
21 take for you to recover the gas that you injected if
22 you use a mass balance approach versus a GOR method.

23 The key concerns, if you think about
24 it, is more from the practical implementation of this
25 technology if we are trying to go back to a GOR

1 methodology and you are looking at multiple wells,
2 multiple events, it can get easy to keep track of in
3 no time and we believe that the mass balance approach
4 is giving us a fair representation of reality.

5 MR. MCCLURE: So then is it accurate to
6 say that your current conclusion was derived from
7 model simulations?

8 THE WITNESS: Yes, sir.

9 MR. MCCLURE: Within those model
10 simulations were additional injection events prior to
11 complete recovery taken into account?

12 THE WITNESS: No, sir. And we believe
13 that there is a way to essentially come at the same
14 conclusions if you have multiple events. We just
15 simply will need to keep track of how much was
16 injected for a given event and how much has been
17 recovered cumulatively prior to the next subsequent
18 event.

19 And in the context of our proposal of
20 having the mass balance less than seven days and GOR
21 greater than seven days, we might be able to keep that
22 cumulative tally of how much have we injected in this
23 particular well, even in the context of, you know,
24 competing events before we have achieved 100 percent
25 recovery from a previous event.

1 MR. MCCLURE: Okay. What about what
2 happens if you do not get 100 percent recovery?

3 THE WITNESS: So I have an example that
4 I can share. Let's say that you had a three-day
5 injection event and you were able to recover gas for
6 two days prior to having another interruption that
7 allows you to re-inject.

8 Because you were able to recover those
9 two days -- you know, think about it as a bank account
10 analogy. You have one day of gas injection still in
11 the bank, so from this counter of less than seven
12 days, when you start your second injection event, you
13 are not starting at zero. You are starting at one
14 because you already have recover those two days of gas
15 injection from the previous event.

16 MR. MCCLURE: What about between the
17 two events you inject, don't invert units to it, just
18 say ten and you ultimately only recover nine of those
19 ten. Is your allocation method of mass balance in and
20 mass balance -- well first balance in, first out,
21 would that provide you with an accurate allocation?

22 THE WITNESS: So good example. In that
23 case, you're first event, it's already forcing you to
24 move into a GOR method because you injected for more
25 than seven days. So in that case, you know, you are

1 already locked into that GOR methodology and then it
2 would not be fair for the second event to go back to a
3 mass balance methodology because essentially that last
4 one day of the first event, you need to complete using
5 a consistent approach.

6 MR. MCCLURE: Okay. Let me provide you
7 an example. What if there's only one event the last
8 three days. During that three days, ten is injected.
9 Over the next six months, only nine of that ten is
10 recovered. Would your mass balance allocation be
11 accurate?

12 THE WITNESS: I believe that, you know,
13 different scenarios can still be described in terms of
14 this guidance before or after seven days. As long as
15 we're able to be diligent in the accounting of how
16 much -- how much cumulative gas has been injected and
17 we are proposing that 5 million SCF per day. So you
18 are able to, you know, essentially refer back your
19 volumes to number of days. We're able to, you know,
20 be consistent with this methodology irrespective of
21 whether you've injected more or less in that time
22 period.

23 MR. MCCLURE: Would it be an accurate
24 statement to say that the accuracy of a mass balance
25 allocation is dependent upon 100 percent recovery of

1 all injectants?

2 THE WITNESS: Could you repeat that
3 question?

4 MR. MCCLURE: Is it an accurate
5 statement to say that the accuracy of a mass balance
6 allocation method is dependent upon 100 percent
7 recovery of the injectants?

8 THE WITNESS: You're referring to 100
9 percent recovery following a given cycle or a given
10 injection event?

11 MR. MCCLURE: Sure. One hundred
12 percent regardless of whatever counts of cycles you
13 have, would it be an accurate statement to say that
14 the accuracy of a mass balance allocation method is
15 dependent upon 100 percent recovery of everything that
16 was injected?

17 THE WITNESS: Our view is that
18 irrespective of the methodology, this process -- the
19 fact that we're injecting at such low surface
20 pressures, we are not going to be seeing that gas to
21 be traversing significantly beyond the SRV. So
22 whether it's mass balance or GOR, we anticipate 100
23 percent of the gas to be injected. It doesn't matter
24 the configuration for most of this short-term
25 injection events. The only concern is how easy would

1 it be for one method versus the next to implement and
2 the only uncertainty is the timing that essentially
3 gets you to that 100 percent of gas recovery. But
4 whether or not there will be 100 percent recovery, it
5 is our view for this process that is to be expected.

6 MR. MCCLURE: Do you have any
7 supporting documentation that would demonstrate 100
8 percent recovery?

9 THE WITNESS: Correct. And again back
10 to our numerical simulation studies, so I think it's a
11 good line of questioning when we get to our reservoir
12 engineering statements. But then the high level view
13 is that for the two benches that we're proposing to
14 use for this process, we are modeling cases in which
15 your estimated ultimate recovery for the life of the
16 well in the absence of closed-loop gas capture are
17 yielding consistent recoveries, in fact to the same
18 decimal points of having that closed-loop gas capture
19 process.

20 So we do believe that that 100 percent
21 is being modeled and, you know, we don't see
22 mechanistically how we would deviate from that
23 particular observation.

24 MR. MCCLURE: Earlier you referenced a
25 different pilot project that Chevron is in the process

1 of implementing. Is that correct?

2 THE WITNESS: Could you repeat your
3 question?

4 MR. MCCLURE: Earlier, if I recall
5 correctly, did you mention another pilot project that
6 Chevron is implementing?

7 THE WITNESS: Yes. Early in this year
8 we received approval to permit wells in the Salado
9 area for closed-loop gas capture.

10 MR. MCCLURE: And for that project, is
11 it your understanding that mass balance was approved
12 due to the Division agreeing it was accurate?

13 THE WITNESS: It was approved based on
14 earlier agreements also with the BLM and essentially
15 that was something that we raised with the Division
16 and my understanding is that we got granted approval
17 to use that methodology for the Salado project area.

18 MR. MCCLURE: Okay. Thank you, sir.

19 No more questions for this witness, Mr.
20 Hearing Examiner.

21 THE HEARING EXAMINER: Do you have any
22 questions for any other witness in this case?

23 MR. MCCLURE: Mr. Hearing Examiner, I
24 have questions for both of the other witnesses.

25 THE HEARING EXAMINER: Okay. Very

1 good.

2 Sir, well actually no. Let's do some
3 redirect, first?

4 Mr. Rankin?

5 MR. RANKIN: Thank you, Mr. Examiner.

6 THE HEARING EXAMINER: Your microphone
7 is not on.

8 MR. RANKIN: I think it is now, but I'm
9 probably just talking too low.

10 DIRECT EXAMINATION

11 BY MR. RANKIN:

12 Q Dr. Torrealba, how are you today? Mr.
13 McClure was asking you questions about whether you
14 have data and I think you responded to him that you
15 have modeling. And Dr. Tang can address the modeling
16 that was done; correct?

17 A Correct.

18 Q But you're familiar with the modeling that
19 was done?

20 A Yes.

21 Q And the modeling that was done evaluated
22 different injection duration scenarios from one day to
23 15 days; is that correct?

24 A That is correct.

25 Q And whether it was one day or 15 days, the

Page 178

1 modeling which is based on history matched data
2 reflected that 100 percent of the gas was always
3 recovered?

4 A That is right.

5 Q And based on that modeling and the review
6 that Chevron undertook, even though the modeling
7 showed that 15 days all the gas is recovered, you
8 opted to propose only a seven-day period or a less
9 than seven-day period in which you would use a mass
10 balance approach; is that correct?

11 A That's right.

12 Q And the 15 days that you looked at was based
13 on what? Why did you look at a 15-day period for
14 injection duration?

15 A We've looked at a historical view of how
16 long our typical interruptions from this type of gas
17 take away concerns from Midstream providers and we're
18 seeing that the great majority are actually less than
19 seven days and at most we have seen 15 days. So we
20 believe that that was accurate to move.

21 Q Okay. And so based on that, the maximum day
22 duration you're seeing is 15 days or so, but the vast
23 majority are fewer and that's why you chose seven
24 days; is that right?

25 A Correct.

1 Q And now again the seven day was chosen to
2 be -- is it true to be fairly conservative in the
3 approach?

4 A I would say so.

5 Q Can you explain a little bit more about why
6 seven days was chosen instead of some other -- other
7 value?

8 A Yeah. So we believe that -- I mean from a
9 Chevron perspective, we're also interested in
10 comparing the two methodologies, so having that as a
11 card of for events that take longer, we would actually
12 want to pay closer attention and devote the resources
13 that will be required to better understand the gas
14 recovery mechanisms in those extended injection
15 periods. But then for the great majority of the
16 smaller events, having the mass balance approach we
17 believe is going to be practical and easier to
18 implement.

19 Q Now, you're familiar with the Division's
20 guidance on implementation of these closed-loop gas
21 capture cases?

22 A Yes.

23 Q And in the guidance, the Division typically
24 requires and does require that operators of these
25 projects conduct certain testing frequencies following

1 an injection event; is that right?

2 A Correct.

3 Q So after an injection event occurs and the
4 well transitions from injection back to production,
5 the Division would require Chevron to conduct well
6 tests for production following any injection event;
7 right?

8 A That's right.

9 Q And Chevron would follow those requirements
10 in this case no matter whether you're doing a GOR
11 analysis or a mass balance analysis; correct?

12 A That is certain.

13 Q Okay. And the Division's own guidance
14 shifts depending on how long the injection event
15 lasts; right?

16 A Correct.

17 Q Do you recall off the top of your head, what
18 the guidance is there?

19 A I believe so. So essentially if you are
20 injecting for 24 hours, within a seven day period you
21 are essentially expected to test the well for a
22 maximum of 48 hours or until your recovering 100
23 percent of your injected gas and then obviously if you
24 are using a mass balance approach or a GOR method,
25 your decision on whether you recovered 100 percent of

1 the injected gas would shift.

2 MR. RANKIN: No further questions, Mr.
3 Examiner.

4 THE HEARING EXAMINER: Mr. McClure, do
5 you have any re-cross on the re-direct?

6 MR. MCCLURE: Yes. I have a quick
7 question, Mr. Hearing Examiner.

8 THE HEARING EXAMINER: Please.

9 MR. MCCLURE: Yes. Yes, sir. I'm
10 sorry.

11 You referenced as an answer to Mr.
12 Rankin, the Division stipulations in regards to test
13 schedule after an event; is that correct?

14 THE WITNESS: Yes, sir.

15 MR. MCCLURE: Is Chevron asking to
16 conduct well tests as their allocation method for
17 these wells?

18 THE WITNESS: So Chevron would actually
19 comply with whatever is the, you know, guidance
20 provided by the Division on the testing schedule. So
21 essentially there's no different proposal that we're
22 bringing to the Division. We're simply recognizing
23 that having a method that we can implement
24 consistently for the gas allocation would help us
25 understand what is a testing requirement for a given

1 well based on an injection event.

2 MR. MCCLURE: Well, sir, I guess what
3 my question is and I probably missed it and I may have
4 missed it entirely in this application. Currently as
5 a part of the surface comingling order, is Chevron
6 using well tests to allocate to individual wells?

7 THE WITNESS: Yeah. I believe so.

8 MR. MCCLURE: Okay. Thank you, sir.

9 No further questions, Mr. Examiner.

10 THE HEARING EXAMINER: Anything
11 further, Mr. Rankin?

12 MR. RANKIN: No, Mr. Examiner.

13 THE HEARING EXAMINER: You may be
14 excused.

15 THE WITNESS: Thank you.

16 THE HEARING EXAMINER: Mr. McClure, who
17 would you like to direct the next questions to?

18 MR. MCCLURE: Their geologist would be
19 a pretty fast witness to take care of.

20 THE HEARING EXAMINER: Mr. Core Suarez?
21 WHEREUPON,

22 ELSON CORE SUAREZ,
23 called as a witness and having been earlier duly sworn
24 to tell the truth, the whole truth, and nothing but
25 the truth, was examined and testified as follows:

1 THE WITNESS: Yes, sir.

2 THE HEARING EXAMINER: You're under
3 oath.

4 Okay, Mr. McClure?

5 And will you please pull the microphone
6 close to you?

7 MR. MCCLURE: Thank you, Mr. Hearing
8 Examiner.

9 Sir, if I can direct your attention to
10 Exhibit A, page 29 of 221?

11 THE WITNESS: Yes, sir. I can see it.

12 MR. MCCLURE: For your confining
13 layers, is the actual picks depicted anywhere other
14 than just looking at this type log?

15 THE WITNESS: Sorry. I couldn't hear.
16 Could you repeat the question?

17 MR. MCCLURE: Okay. I'm on this type
18 log. Is it correct that the confining layers are
19 identified?

20 THE WITNESS: Correct.

21 MR. MCCLURE: Is the top and base of
22 each confining layer identified?

23 THE WITNESS: Only the tops.

24 MR. MCCLURE: And of those tops, is the
25 actual footage depicted or are we just, you know,

1 approximating based off what it looks like on this
2 type log?

3 THE WITNESS: No. These -- these tops
4 are picked from actual data from the wells.

5 MR. MCCLURE: Let me re-ask my
6 question, make it a little clearer I guess. In terms
7 of saying, "Such and such confining layer is at 9,002
8 feet," is that identified here?

9 THE WITNESS: Correct.

10 MR. MCCLURE: Correct it is or correct
11 it isn't?

12 THE WITNESS: Which -- which one do you
13 refer to? Which confining layer? 92?

14 MR. MCCLURE: I'll just pick any of
15 them I guess. Let's say your Upper Avalon 2.

16 THE WITNESS: Yeah. So --

17 MR. MCCLURE: Where is -- go ahead,
18 sir.

19 THE WITNESS: No, no. Let me see if I
20 understand your question. You're asking me if the
21 confining layers identify in this type log, which is
22 -- are identified by the dash lines in the type log
23 and the yellow squares. Those represent the tops of
24 what it will represent a confining layer. And these
25 are picked specifically at the measured depth that

1 it's shown in the type log. So they're not
2 approximate.

3 MR. MCCLURE: So specifically Upper
4 Avalon 2, your AVU 2, what is the top for that?

5 THE WITNESS: That will be the dash
6 line. Where you can see the AVU 2 following the dash
7 line, that will be the top of the confining layer for
8 that specific one. Does that answer your question?

9 MR. MCCLURE: What is the footage of
10 your pick there? What is the measured depth of that
11 pick?

12 THE WITNESS: So it's hard to read
13 from -- from the table here, but if I give you my
14 estimate, that will be about 98 -- 9,800ish. But, I
15 will have to come back and doublecheck with that for
16 the exact tops.

17 MR. MCCLURE: Yes, sir. And this will
18 be one of the amended documents I'm going to ask for
19 later. I'm just confirming to make sure we're on the
20 same page when I go to ask for that. When I ask you
21 in regards to where the base of that defining layer
22 is, is that information that is available to you?

23 THE WITNESS: Not right now. No.

24 MR. MCCLURE: But it would it be
25 something that Chevron could provide upon request from

1 the Division; is that correct?

2 THE WITNESS: Yes.

3 MR. MCCLURE: Okay. Thank you, sir.

4 No more questions for this witness, Mr.
5 Examiner.

6 THE HEARING EXAMINER: Mr. Rankin?
7 Anything for this witness?

8 MR. RANKIN: No.

9 THE HEARING EXAMINER: Okay. Thank
10 you. You may be excused.

11 And then Mr. McClure, do you have
12 questions for, is it Mr. Tang?

13 MR. MCCLURE: Yes. The reservoir
14 engineer, Mr. Tang, I believe was correct.

15 THE HEARING EXAMINER: Mr. Tang, would
16 you please come up to the witness stand? We're going
17 to get you sworn in.

18 Mr. Rankin, has he been qualified as an
19 expert in his field?

20 MR. RANKIN: He has, Mr. Examiner.

21 THE HEARING EXAMINER: Mr. Tang, I
22 believe the microphone is on. Would you sit close to
23 it?

24 DR. TANG: Yes.

25 THE HEARING EXAMINER: Would you state

1 and spell your name for the record, please?

2 DR. TANG: Yula Tang, Y-U-L-A T-A-N-G.

3 THE HEARING EXAMINER: Thank you.

4 Would you raise your right hand, please?

5 WHEREUPON,

6 YULA TANG, PH.D.,

7 called as a witness and having been first duly sworn

8 to tell the truth, the whole truth, and nothing but

9 the truth, was examined and testified as follows:

10 THE HEARING EXAMINER: Thank you, sir.

11 Please have a seat and speak clearly into the

12 microphone.

13 Mr. McClure?

14 MR. MCCLURE: Thank you, Mr. Hearing
15 Examiner.

16 Sir, would it be an accurate statement
17 to say -- let me get us on topic I guess.

18 I don't know, if we want to look at
19 page 52, Mr. Rankin, or if we want to look at his
20 affidavit in regards to the gas allocation? Fifty-two
21 might be I guess the better for us to look at perhaps.

22 THE WITNESS: Okay. So same one.
23 Okay.

24 THE HEARING EXAMINER: He hasn't asked
25 the question yet so hold on.

1 THE WITNESS: Okay. Sure.

2 MR. MCCLURE: Okay. I guess what my
3 question is, would it be an accurate statement to say
4 that the accuracy of a mass balance allocation is
5 dependent upon 100 percent recovery of the injectant?

6 THE WITNESS: Okay. Let me try to
7 understand your question. So can I put it other way?
8 I hear you, but I just trying to understand a
9 different way the question. So you said the material
10 balance --

11 THE HEARING EXAMINER: Hold on. Hold
12 on.

13 Mr. McClure, would you rephrase your
14 question, please?

15 MR. MCCLURE: Yes. I'll try to
16 rephrase and maybe say an example I guess.

17 THE HEARING EXAMINER: Okay.

18 THE WITNESS: Okay.

19 MR. MCCLURE: Sir, if you inject --
20 just don't put units to it again, obviously there's
21 going to be units. But for purposes of this
22 discussion, let's just say you inject 10 gas into well
23 A. Is it accurate to say that for a mass balance
24 allocation to be accurate and correct, that you then
25 must recover all 10 of that gas from well A?

1 THE WITNESS: Okay. May I ask --
2 answer your question this way. So if you inject 10 --
3 10 million gas into well A in a period for example a
4 few days, and then you ask if that gas will return
5 based on material balance until it is 100 percent,
6 then is the -- that material balance is accurate?

7 So my -- my understand is that material
8 balance no matter it is 100 percent returned the --
9 the idea is that where it show the -- the water you
10 injected into the near-wellbore, that will come back
11 first. So even as Victor, our project manager, he
12 answered your question before. Even you didn't
13 recover 100 percent, you only recovered 9 million.
14 Okay.

15 Now you have the second sequence of
16 injection, then we have that balancing the bank
17 account, then that 1 million will come out -- when we
18 return -- when we open the well return to normal
19 production, we'll -- we'll follow -- to continue
20 -- follow the duration request the test -- well test,
21 right, so we'll -- we'll continue to follow that 1
22 million -- until 1 million finished. Then we say that
23 -- that total 10 million is a previous event that
24 returned. Then we continue the next -- how -- how
25 much we injected the second time.

1 MR. MCCLURE: Okay. I guess I agree
2 that that is what mass balance allocation means you're
3 going to do. Do you believe that would be accurate
4 though?

5 THE WITNESS: I believe it is for the
6 short period of time, like Victor had mentioned, like,
7 a less than seven days, it is quite accurate. You
8 cannot say 100 percent accurate, right, because my
9 understanding we don't have the technology. Maybe we
10 do, but will be very, very difficult to execute, like,
11 you inject some kind of tweezer, then that tweezer
12 goes into the reservoir, all the tweezer returned,
13 then you can say 100 percent returned.

14 But that's -- impractical of you of
15 this execution project. So I think it's physical --
16 it has physical meaning because the injection gas in
17 short period of time -- it should not leave the
18 wellbore far away, so those gas injected should return
19 first. Then follow later that is native formation gas
20 come back.

21 But for now if you inject longer to the
22 reservoir deeper, so that -- then we would have to
23 follow the trend that GOR approach and unclear it
24 reach to the normal decline of GOR. Then we see that
25 -- that -- we use that -- that GOR approach to

1 calculate how much gas take how many days come back.

2 MR. MCCLURE: Do you believe that the
3 native production from that well will be affected
4 while the injectant is being recovered?

5 THE WITNESS: I believe in short period
6 of time it won't impact it, like, five days, seven
7 days. But, if you inject it too long, like, more than
8 10 days, 15 days, it may impact it. Maybe there were
9 some weeks shared, so, you know, there's no clear
10 division line say is the "moleculance" of your
11 injection gas or not mixed with formation gas.

12 So -- and also it goes into the SRV and
13 also if there's some microscopic fractures it can goes
14 into there and then return, but since -- since the
15 nature of this no pressure gas injection, this is not
16 high pressure, this is only the gas nature no pressure
17 system only 1,000 PSI or maximum 2,500 PSI. So we're
18 not really able to push the gas into deep reservoir.

19 MR. MCCLURE: If the injectant does
20 enter microscopic fractures, do you believe there will
21 be any gas trapping of that injectant?

22 THE WITNESS: I guess so, but very
23 traceable, very little, not significant part.

24 MR. MCCLURE: Do we have any supporting
25 data to support that conclusion?

1 THE WITNESS: I don't have those
2 testing, like, you know, like, we had that hydraulic
3 fracture test site, those, but not doing this gas
4 injection test.

5 It was a hydraulic fracturing test to
6 prove the geomechanics, but not for -- as I know, I
7 don't have this kind of data to prove how accurate 100
8 percent or 99 or 95 percent, but just -- we -- we
9 think this is material balance approach that for short
10 period of time, it is reasonable and it's -- it's
11 quite understandable -- it has physical meaning. So
12 that's what -- also as Victor, our previous -- he
13 mentioned the Salado are approved by BLM and also
14 agreed we use material balance approach to count how
15 much gas returned.

16 MR. MCCLURE: From your very last
17 statement there, was that referring to the other pilot
18 project that Chevron is implementing; is that correct?

19 THE WITNESS: Yes. That's -- that's --
20 New Mexico Salado Draw area, the SCLG, closed --
21 closed-loop gas injection -- gas capture. So that is
22 our pilot area Salado. So what we did the first two
23 wells the injection, but then later on we expanded it
24 to the whole Salado-Avalon area. So we had that same
25 material balance applied to count the gas.

1 MR. MCCLURE: Is it Chevron's intent to
2 gather data to demonstrate that mass balance is
3 accurate?

4 THE WITNESS: Yes. We definitely
5 will -- we will -- after all this we could assay in
6 all surveillance allocation and optimization, so
7 we'll -- we'll monitor the gas injection carefully.
8 We'll also follow the well test frequency to have
9 enough well test to calibrate allocation the gas
10 return. So we'll -- we'll get a better idea and prove
11 the concept.

12 MR. MCCLURE: What Chevron currently
13 has and what you're current conclusions are based off
14 of is a simulation; is that correct?

15 THE WITNESS: That's right.

16 MR. MCCLURE: Okay. Thank you, sir.

17 Thank you, Mr. Hearing Examiner. I
18 have no further questions, although I do have a couple
19 requests once we get to that point.

20 THE HEARING EXAMINER: Thank you.

21 Mr. Rankin?

22 THE WITNESS: Thank you.

23 MR. MCCLURE: Thank you, Dr. Tang.

24 THE HEARING EXAMINER: Hold on.

25 MR. RANKIN: I have a couple of

1 questions for you, Dr. Tang because I think it's
2 helpful maybe just to have a couple more discussion
3 points here.

4 DIRECT EXAMINATION

5 BY MR. RANKIN:

6 Q So Mr. McClure is asking you about the
7 accuracy of the mass balance approach to gas
8 allocation and my question to you is, is it possible
9 to be 100 percent accurate even with a GOR decline
10 curve analysis to 100 percent be certain that you're
11 tracking the molecules of gas that have been injected
12 following injection event, is it possible even in that
13 circumstance to be 100 percent recovery accuracy?

14 A Okay. So I tried to understand your
15 question. Let me repeat what see if that is my
16 understanding. So you are asking if the GOR approach
17 will be proved that is more accurate than the material
18 balance approach?

19 Q I'm not actually comparing them, I'm just
20 saying, you know, is the GOR analysis can you be 100
21 percent sure that you're tracking the molecules?

22 A No. No. My answer -- simple answer is no.
23 The GOR approach -- let's just talk about GOR
24 approach, what it is. Basically you -- you have
25 assumption or so make assumption. The assumption of

1 GOR is that before your injection you have a GOR, then
2 you -- we assume that GOR will maintain when the well
3 open return to production those native formation gas
4 will follow the original GOR and then the -- GOR
5 higher than the original one, that is -- the
6 incremental that is the gas injection returned. But
7 that fundamental assumption also is questionable.
8 People can challenge as well.

9 How do you know -- how do you know that
10 the -- the formation will come -- come in the day one
11 after the well open? Is that really to follow the
12 same -- same GOR before -- before your injection?
13 Probably the gas people can argue those -- those
14 formation gas already be pushed away from your near-
15 wellbore by the injection gas.

16 So when you return the well to production,
17 then the first gas that -- that come out is -- even
18 the GOR is higher, but then that's still -- that --
19 that is the pure, almost 100 percent injection gas.
20 So they can challenge, it looks like your GOR approach
21 you have looks like and follow the trend, but the
22 assumption still we have to challenge it as well. So
23 that is a reasonable challenge.

24 Q Just so I'm clear, Dr. Tang, the way these
25 wells work and the way the GOR works is I understand

1 is that as you produce a well and the oil volumes and
2 the stimulated rock volumes decrease, the well tends
3 to produce greater ratio of gas to oil; correct?

4 A Yes. The GOR increase with time.

5 Q And that's because as the pressure in the
6 bottom hole -- in the formation is being produced,
7 more gas is able to escape from the formation and you
8 increase the ratio of gas to oil?

9 A Right.

10 Q Okay. So because of that you're having to
11 make an assumption on the trend line of the GOR over
12 time; correct?

13 A Yes.

14 Q And that's the assumption you're talking
15 about. As the GOR increases over time, you're having
16 to make an assumption between the time an injection
17 event occurs and the injection event ceases that, that
18 trend line is continuous?

19 A That's right. For short period of time, the
20 GOR -- the GOR approach assume that formation GOR does
21 not change. So it's just a counter. For example, if
22 you have 10,000 GOR before your injection, now after
23 injection you have -- first you have 20,000 GOR, maybe
24 then the GOR approach for the gas counting. So assume
25 that the first 10,000 -- 10,000 GOR is formation gas

1 and then the additional 10,000 -- that's 20,000 minus
2 10,000, the additional 10,000 GOR that is the
3 injection gas. But that's also assumption.

4 Q So just to comment on that, while they're
5 assumptions nevertheless, the GOR analysis in your
6 view is still a fair and reasonable way to allocate
7 gas, especially for longer term injection events?

8 A Yes.

9 Q And it's a fair and reasonable way to do it.
10 And your point here is simply that for short-term
11 injection events, it's also fair and reasonable to do
12 the mass balance approach?

13 A Yes.

14 Q Okay. Now another thing I just want to make
15 sure is clear, Dr. Tang, and I think you understand
16 this, but tell me if this is not the right question
17 for you, but is it your understanding that Chevron is
18 paying the royalty owners for the gas that it's
19 injecting for these short-term events? The gas has
20 already been paid for and the royalties are already
21 been paid for and accounted for? Is that your
22 understanding?

23 A Yeah. I think so.

24 Q Yeah. So the owners are already accounted
25 for in terms of royalty and their payments have

1 already been accounted for, before that gas is even
2 injected; right?

3 A Right.

4 Q Okay. Now the other question I have, Dr.
5 Tang, is even though you're proposing for gas
6 injection events that last fewer than seven days to
7 use a mass balance approach, it's true that Chevron
8 could later on always go back and do a GOR analysis to
9 determine whether 100 percent of the gas was
10 recovered; is that true?

11 A Yes. That's true.

12 Q Okay. So that information and the analysis
13 is available to Chevron, you're just proposing not to
14 have to do it in the moment every time a gas injection
15 event occurs?

16 A Right.

17 Q Okay.

18 MR. RANKIN: Nothing further at this
19 time, Mr. Examiner.

20 THE HEARING EXAMINER: Mr. McClure are
21 there any follow-ups to that line of questioning?

22 MR. MCCLURE: Mr. Hearing Examiner, I
23 do have one quick follow-up to that.

24 THE HEARING EXAMINER: Please.

25 MR. MCCLURE: Thank you, sir.

1 Mr. Tang, is it correct that Mr. Rankin
2 just asked you about the ownership of the gas being
3 injected?

4 THE WITNESS: So I'm not the land --
5 land person, but I think what we paid is landowner,
6 that portion of the -- obviously we already counted,
7 so now we inject -- we'll -- we'll see the injected
8 gas will not -- I think should not be double if the
9 two counted again, unless it's finished, then the
10 formation -- later formation gas come. Then that will
11 go to the royalty calculation allocation.

12 MR. MCCLURE: Are you aware of where in
13 your guy's application packet that may be included,
14 information about royalty payments and such?

15 THE WITNESS: I'm not the right person
16 to answer this question. I'm the reservoir engineer.

17 MR. MCCLURE: Well, I'm cross examining
18 the question that Mr. Rankin asked you and you
19 answered his question; is that correct?

20 MR. RANKIN: Mr. McClure, Mr. Examiner,
21 I can address the question. I don't believe that we
22 have made an affirmative statement about how the
23 royalty is handled in this case for the gas that's
24 injected, but I'm happy to coordinate and provide that
25 supplemental statement to clarify.

1 THE HEARING EXAMINER: Mr. McClure?

2 MR. MCCLURE: I mean, I'm not sure if
3 it's in their application packet, but it would be
4 something that could help their case if it were to be.
5 I thought that maybe he was asking his witness here
6 about it, but maybe I'm mistaken in his intent of that
7 question I guess.

8 THE HEARING EXAMINER: Okay. So are
9 you finished with your questions for this witness?

10 MR. MCCLURE: I guess with the
11 understanding that this witness may not have been
12 asked the question in the intent I believe it was,
13 then, yes, that is correct, I have no more questions,
14 Mr. Hearing Examiner.

15 THE HEARING EXAMINER: I'm trying to
16 understand. So you're -- what did you mean when you
17 said "this witness may not have been asked the
18 question"? I didn't understand where you were going
19 with that.

20 MR. MCCLURE: Well, it's possible I
21 misunderstood or misheard the question that Mr. Rankin
22 asked the witness. I thought he was asking about
23 royalties and I thought the witness had answered, but
24 maybe not.

25 THE HEARING EXAMINER: Okay.

1 Mr. Rankin, did you ask a question
2 about royalties?

3 MR. RANKIN: I did and Dr. Tang did
4 answer it.

5 I will say Dean, that my question of
6 Dr. Tang on that point came up in response to your
7 questioning of him, but understand Dr. Tang has a
8 general understanding of the way the royalty
9 accounting occurs here. I would say also that he's
10 probably not the one that is the best suited to answer
11 that question. So we're happy to either potentially
12 recall another witness to address that or provide a
13 supplemental statement confirming the manner that the
14 injected gas is -- the royalty is accounted for.

15 THE HEARING EXAMINER: Mr. McClure, how
16 would you like that handled?

17 MR. MCCLURE: If we have another
18 witness, that we can recall, then that would be useful
19 information.

20 THE HEARING EXAMINER: Okay. Let's
21 find out.

22 MR. RANKIN: Mr. Examiner, Dr.
23 Torrealba would be able to address that question on
24 the stand.

25 THE HEARING EXAMINER: Okay.

1 Mr. Tang, thank you. You're excused.
2 And we're going to recall this witness
3 here.

4 THE WITNESS: Thank you.

5 THE HEARING EXAMINER: Would you state
6 your name again, please?

7 THE WITNESS: Victor Torrealba.

8 THE HEARING EXAMINER: Okay. Very
9 good.

10 Mr. McClure, your question for this
11 witness?

12 MR. MCCLURE: Yes. Mr. Torrealba, sir,
13 are you aware of how royalties and payments is being
14 conducted for this project area?

15 THE WITNESS: Yes, sir. So essentially
16 our understanding is the following: That for each
17 well that produces oil and gas, we're able to allocate
18 that production to the corresponding wells and then
19 here in the context of the closed-loop gas capture
20 application project, we are asking to leverage our
21 existing gas-lift infrastructure.

22 So even today in the absence of closed-
23 loop gas capture, whenever we are injecting gas for
24 gas-lift operation, we are adopting using a mass
25 balance approach on the production stream how much gas

1 is coming from the well based on how much is being
2 injected.

3 So to answer your question, whenever we
4 produce back the gas that we injected for gas-lift or
5 closed-loop gas capture, that gas has already been
6 paid for to the original mineral owners and then only
7 the native reservoir gas will have to be paid to the
8 owners of the well in which we are injecting.

9 MR. MCCLURE: Okay. Let me ask my
10 question again, I guess. Are you aware of how the
11 ownership and royalties is paid out for this project
12 area?

13 THE WITNESS: I'm unclear how this is
14 different from what I just addressed, but if you have
15 any particular concerns with my response?

16 MR. MCCLURE: Yeah. Does Chevron own
17 100 percent of the working interest for all of the
18 "leases," that is being gas -- source gas is being
19 derived from?

20 THE WITNESS: No, sir.

21 MR. MCCLURE: Is that source gas being
22 sold to another entity and then bought back prior to
23 gas-lift?

24 THE WITNESS: I'm not sure.

25 MR. MCCLURE: Is the federal government

1 the only royalty interest owner in this entire project
2 area and of the source gas?

3 THE WITNESS: So we have a split
4 between BLM and SLO.

5 MR. MCCLURE: Okay. Is the BLM and the
6 state land office or -- excuse me. Is the federal
7 government and the state of New Mexico the only
8 royalty interest owners of the source gas?

9 THE WITNESS: No. And I don't know if
10 we want to bring another witness to the stand that may
11 be more comfortable with this line of questioning and
12 maybe able to address those details accordingly.

13 MR. MCCLURE: I'm sorry, sir, was that
14 a no or a no, you don't know the answer?

15 THE WITNESS: That was a I don't know
16 the answer and we may have a witness here that could
17 actually address.

18 MR. MCCLURE: There may be another
19 witness that Chevron has that could address that; is
20 that correct?

21 THE WITNESS: Yes, sir. Here in
22 person.

23 MR. MCCLURE: Okay. Thank you, sir.

24 Mr. Hearing Examiner, I don't have any
25 further questions for this witness.

1 THE HEARING EXAMINER: Okay.

2 Mr. Rankin, did you have another
3 witness you wanted to recall?

4 MR. RANKIN: Mr. Examiner, based on Mr.
5 McClure's line of questioning, we do have a witness
6 available who has not yet testified in this case.

7 THE HEARING EXAMINER: Okay.

8 MR. RANKIN: Mr. McClure, we have Dave
9 Jarrett here who would be able to address some of your
10 questions about exactly the different mineral owners
11 involved as he is also familiar with the co-mingling
12 orders here and we'd be happy to provide Mr. Jarrett
13 for questions on that line of questions. Would you
14 like that, Mr. McClure, to have Mr. Jarrett address
15 the line of questioning that you were just asking Dr.
16 Torrealba?

17 MR. MCCLURE: Yeah. I am familiar with
18 the witness you're referring to and I'm more than
19 happy to ask him that as long as The Hearing Examiner
20 is fine with bringing him in and allowing him I guess.

21 THE HEARING EXAMINER: It's 12:22. We
22 have not taken a break this morning at all. Let's
23 come back after lunch and we'll discuss that. Mr.
24 McClure and I will discuss that possibility and then
25 we will finish up. Let's see where we are in the

1 docket. Hold on. We are on number 77 and we have
2 looks like three more cases, Permian Resource
3 Amendment case, Chevron Amendment case, and Tap Rock
4 Operating Compulsory Pooling cases. And then we have
5 your other cases which we have a witness that you were
6 not able to reach earlier. So I'd say we have about
7 an hour left after we come back from lunch.

8 So Mr. Rankin, it's 12:23.

9 And Ms. Hardy, do you have some cases
10 left as well?

11 MS. HARDY: Just one.

12 THE HEARING EXAMINER: Which case is
13 that?

14 MS. HARDY: The Permian Resources
15 extension case.

16 THE HEARING EXAMINER: Okay. Okay. I
17 understand.

18 Mr. Rankin, how long do you want for
19 lunch?

20 MR. RANKIN: Like an hour.

21 THE HEARING EXAMINER: An hour.

22 MR. RANKIN: At the most is the least
23 we could probably accommodate. Yeah.

24 THE HEARING EXAMINER: The least?

25 MR. RANKIN: Yeah. If that's okay?

1 THE HEARING EXAMINER: Okay. Let me
2 ask Mr. McClure.

3 Mr. McClure, have you reviewed case
4 24797, the Permian Resource Amendment case?

5 MR. MCCLURE: Yes. I have, Mr. Hearing
6 Examiner.

7 THE HEARING EXAMINER: Do you have any
8 questions in that case when we get to it?

9 MR. MCCLURE: I do have a question,
10 although I believe it could be addressed in a
11 relatively fast fashion.

12 THE HEARING EXAMINER: All right.
13 That's your only case?

14 MS. HARDY: Yes.

15 THE HEARING EXAMINER: Okay. Let's
16 call that case before we go to lunch.

17 And then Mr. Rankin, if you want to go
18 with your witnesses to lunch, we'll be back on the
19 record at 1:15. It's almost an hour.

20 THE HEARING EXAMINER: Okay. I'm
21 calling 24797, Permian Resources. Entries of
22 appearance, please?

23 MS. HARDY: Thank you, Dana Hardy on
24 behalf of Permian Resources.

25 THE HEARING EXAMINER: Are there any

1 other parties?

2 MS. HARDY: There are not.

3 THE HEARING EXAMINER: Okay. Very
4 good. Please proceed.

5 MS. HARDY: Thank you. Permian
6 Resources request a one-year extension of time until
7 October 9, 2025, to commence drilling the wells
8 authorized by order number R-22908 due to delays in
9 the issuance of federal drilling permits.

10 We've provided the affidavit of Landman
11 Collin Christian in support of the application. He
12 has testified previously and been qualified as an
13 expert. As shown in Exhibit B, we only need to notify
14 one party and they received our hearing notice. So
15 with that I would request that the exhibits be
16 admitted and that the case be taken under advisement.

17 THE HEARING EXAMINER: Okay. Let's
18 take a look at your exhibits. And would you give me
19 that case number again?

20 MS. HARDY: The case number of this
21 application?

22 THE HEARING EXAMINER: Yes.

23 MS. HARDY: 24797.

24 THE HEARING EXAMINER: 97.

25 MS. HARDY: Yes.

1 THE HEARING EXAMINER: Thank you.
2 Okay.

3 Ms. Bradfute, were you entering an
4 appearance on this case?

5 MS. BRADFUTE: No, Mr. Examiner. I was
6 going to ask about case number 24811 for Tap Rock.

7 THE HEARING EXAMINER: Okay. Let's
8 deal with this case first.

9 Okay. So we have Exhibits A and B and
10 subparts in this case.

11 Are there any objections?

12 Not hearing any, these exhibits are
13 admitted into evidence.

14 (Exhibit A and Exhibit B are marked for
15 identification and received into
16 evidence.)

17 Mr. McClure, your question?

18 MR. MCCLURE: Thank you, Mr. Hearing
19 Examiner. Ms. Hardy may be able to answer it, but the
20 landman might be the witness that would be
21 appropriate.

22 THE HEARING EXAMINER: Let's see.

23 MR. MCCLURE: Do you want me to go
24 ahead and ask Ms. Hardy?

25 THE HEARING EXAMINER: Yes.

1 MR. MCCLURE: Okay. Ms. Hardy, on the
2 original order, I believe there was three different
3 persons that was notified. Do you know why there's
4 only Devon being notified of this amendment?

5 MS. HARDY: Yes. I believe those other
6 parties agreed to participate in the wells and so they
7 were no longer being pooled.

8 MR. MCCLURE: Okay. So is it accurate
9 that Canyon and Tascosa is no longer being pooled
10 under this order?

11 MS. HARDY: That is my understanding.
12 Yes.

13 THE HEARING EXAMINER: Are you sure or
14 do we need to ask the landman?

15 MR. MCCLURE: We can ask the landman.

16 THE HEARING EXAMINER: Do we have the
17 landman available?

18 THE HEARING EXAMINER: Do we have the
19 landman available?

20 MS. HARDY: He should be available on
21 the line.

22 THE HEARING EXAMINER: Mr. Collin
23 Christian?

24 MS. HARDY: I'm not seeing him
25 unfortunately. He's supposed to be on the line.

1 THE HEARING EXAMINER: Okay. Then why
2 don't we come back to this case after lunch. I'm
3 sorry, Ms. Hardy.

4 MS. HARDY: Okay. I'm sorry about
5 that.

6 THE HEARING EXAMINER: That's okay.

7 MS. HARDY: Thank you. I appreciate
8 it.

9 THE HEARING EXAMINER: Mr. McClure,
10 we'll find out for you when we come back from lunch
11 and Mr. McClure, you can go to lunch. I don't think
12 you need to be here for Ms. Bradfute.

13 MR. MCCLURE: Okay. And we're coming
14 back on at 1:15; is that correct?

15 THE HEARING EXAMINER: 1:15. Yes.

16 MR. MCCLURE: Okay. Thank you, sir.

17 MS. BRADFUTE: If I may, could we
18 please confirm if Mr. McClure has any questions for
19 Tap Rock's witnesses in the pooling case?

20 THE HEARING EXAMINER: In which pooling
21 case?

22 MS. BRADFUTE: It is 24811.

23 THE HEARING EXAMINER: Have I called
24 that case before?

25 MS. BRADFUTE: No. You have --

1 THE HEARING EXAMINER: Oh.

2 MS. BRADFUTE: Yeah. It's the first --

3 THE HEARING EXAMINER: We're going to
4 come back to that after we have lunch.

5 MS. BRADFUTE: After you have lunch,
6 okay. I just wanted to confirm, because it's not --
7 there's no other parties in the case.

8 THE HEARING EXAMINER: Right.

9 MS. BRADFUTE: Yeah.

10 THE HEARING EXAMINER: But, I didn't
11 call that case yet.

12 MS. BRADFUTE: Yes. Understood.

13 THE HEARING EXAMINER: So let's come
14 back to that after lunch.

15 MS. BRADFUTE: Absolutely. Thank you.

16 THE HEARING EXAMINER: Thank you.
17 We're off the record.

18 THE REPORTER: Off the record, 12:28.
19 (Off the record.)

20 THE HEARING EXAMINER: It is 1:18 p.m.
21 on September 12. We are back on the record after a
22 lunch break. We are hearing Chevron's case and they
23 are going to present a witness for our technical
24 examiner to ask questions to.

25 But I wonder, Mr. Rankin, are there any

1 exhibits that are coming in? No? Okay. So this
2 witness is just being presented almost as a rebuttal
3 witness. Okay. All right.

4 Is your microphone on?

5 MR. JARRETT: I believe so. Yes, sir.

6 THE HEARING EXAMINER: I can hear you
7 now. Yes. So just sit close to the microphone.
8 Would you state and spell your name for the record,
9 please?

10 MR. JARRETT: My name is David Jarrett.
11 It's spelled D-A-V-I-D J-A-R-R-E-T-T.

12 THE HEARING EXAMINER: Would you raise
13 your right hand, please?

14 WHEREUPON,

15 DAVID JARRETT,
16 called as a witness and having been first duly sworn
17 to tell the truth, the whole truth, and nothing but
18 the truth, was examined and testified as follows:

19 THE HEARING EXAMINER: Thank you.

20 Okay. Let's first deal with your qualifications as an
21 expert. You're seeking to be admitted before this
22 Division as an expert in what field?

23 THE WITNESS: Facilities engineering.

24 THE HEARING EXAMINER: And what is a
25 facilities engineer?

1 THE WITNESS: A facilities engineer
2 within Chevron's definition is a person who is
3 primarily responsible for the surface located
4 facilities for oil and gas production.

5 THE HEARING EXAMINER: I see. Okay.
6 And what education do you have that goes toward that
7 expertise?

8 THE WITNESS: I hold a baccalaureate
9 degree in mechanical engineering from the University
10 of Mississippi from which I graduated in 2003. I also
11 hold an aeronautical -- a master's degree in
12 aeronautical engineering from the Air Force Institute
13 of Technology with graduating in 2004.

14 THE HEARING EXAMINER: Okay. And then
15 what work experience do you have that goes toward
16 that?

17 THE WITNESS: I -- I've worked for
18 Chevron since 2013 as a facilities engineer in our
19 Gulf of Mexico business unit through -- 2013 through
20 2018 and here at our Mid-Continent business unit in
21 Midland, Texas, from 2019 to present.

22 THE HEARING EXAMINER: I see. And what
23 is your current title?

24 THE WITNESS: My current title is a
25 performance facilities engineer.

1 THE HEARING EXAMINER: Okay. Very
2 good. So you are qualified as an expert in facilities
3 engineer before this Division from here on forward.
4 Okay.

5 Mr. McClure, your questions?

6 MS. MCLEAN: Thank you, Mr. Hearing
7 Examiner.

8 Just to confirm, we did swear in the
9 witness; right?

10 THE HEARING EXAMINER: We did.

11 MR. MCCLURE: Okay. Thank you.

12 Mr. Jarrett, are you familiar with the
13 project area for this case?

14 THE WITNESS: Yes.

15 MR. MCCLURE: Are you familiar with the
16 ownership and royalties involved with the source gas
17 in this case?

18 THE WITNESS: Yes.

19 MR. MCCLURE: Does Chevron own 100
20 percent of the working interest of the source gas?

21 THE WITNESS: No.

22 MR. MCCLURE: Is the working interest
23 identical across the entirety of the source gas?

24 THE WITNESS: I don't know the answer
25 to my -- off the top of my head, but I strongly

1 suspect it is not.

2 MR. MCCLURE: Is the only royalty
3 interest owners the federal government and the state
4 of New Mexico?

5 THE WITNESS: I believe that is
6 correct.

7 MR. MCCLURE: The source gas. Is it
8 sold to a third party entity and then bought back by
9 Chevron prior to being used for gas-lift?

10 THE WITNESS: Gas is sold to a third
11 party entity, but gas-lift is not bought back from
12 that entity.

13 MR. MCCLURE: Okay. So gas-lift takes
14 place prior to sales of the gas; is that correct?

15 THE WITNESS: Yes.

16 MR. MCCLURE: Okay. Thank you, sir.
17 I have no further questions.

18 THE HEARING EXAMINER: Mr. Rankin,
19 redirect?

20 MR. RANKIN: No.

21 THE HEARING EXAMINER: Okay. This
22 witness may be excused. Thank you very much, Mr.
23 Jarrett.

24 All right. Does that conclude your
25 case in chief?

1 MR. RANKIN: It does, Mr. Examiner.

2 THE HEARING EXAMINER: Okay. Very
3 good.

4 Mr. McClure, the case in chief is
5 finished with the exception of that -- if we want to
6 call him a rebuttal witness. What do you still want
7 from Chevron?

8 MR. MCCLURE: I have a list of
9 corrections I would like or amendments or supplemental
10 exhibits I would like them to submit. May I ask Mr.
11 Rankin one quick question though before I --

12 THE HEARING EXAMINER: Yes. Of course.
13 Go right ahead.

14 MR. MCCLURE: Thank you, sir.

15 Mr. Rankin, is it your understanding
16 that the exemptions that were granted to Oxy in
17 regards to the test schedule were universal?

18 MR. RANKIN: I don't recall the
19 exceptions to this test schedule, but I think I was
20 operating under the assumption that the Division's
21 guidance would be the applicable test schedule for
22 this order.

23 MR. MCCLURE: Well, the Division's
24 guidance requires a test separator for each and every
25 single well within the project. However, the Division

1 has also been granting exceptions -- exemptions to
2 that requirement to Oxy at their request. Is Chevron
3 asking for those exemptions here? Because maybe they
4 thought it was the normal?

5 MR. RANKIN: We would like that same
6 exception, Mr. McClure.

7 MR. MCCLURE: Okay. I just wanted to
8 confirm that because I may have missed it in the
9 application, but I haven't saw specific mention to
10 that. Mr. Rankin, are you ready to take down a list
11 of supplemental exhibits I would like submitted?

12 MR. RANKIN: I have my pen.

13 MR. MCCLURE: Okay. I know Exhibit A
14 is kind of your application, so I'm assuming that
15 changes to that would be more appropriate to be a
16 supplemental exhibit? Would you agree with that
17 assessment?

18 MR. RANKIN: Yeah. I mean I think we
19 can't -- I mean the application is what it is, so any
20 changes or amendments would be a separate or a
21 supplemental exhibit.

22 MR. MCCLURE: Okay. Thank you. I'm
23 just making sure we're on the same page. And I've
24 referenced the AOR maps and the missing labels. Are
25 you familiar with what I'm referring to?

1 MR. RANKIN: I'm familiar, Mr. McClure,
2 with the discussion around the Matador Wells which as
3 I understand were submitted for permit in March of
4 2024, but I believe they're outside the half-mile area
5 of review. But, I'm familiar with the discussion
6 during today's testimony around those four wells.

7 MR. MCCLURE: Oh, okay. Your witness
8 didn't reference that it might have been outside of
9 the half-mile review and they were included on the
10 table for the half-mile review.

11 MR. RANKIN: Yeah. The table was over
12 inclusive, but I believe that they were outside the
13 half-mile area of review.

14 MR. MCCLURE: Well considering I guess
15 maybe we don't know positively and we're just making
16 assumptions, please go ahead and submit a supplemental
17 exhibit with those AOR maps with those labels included
18 if it's on that map. If it's not on that map, please
19 make a note that they are outside -- they're not even
20 included on that map at all.

21 MR. RANKIN: Will do.

22 MR. MCCLURE: Thank you, sir. In
23 regards to those AOR tables, please add an additional
24 column that has the casing setting depths for each of
25 the casing strings included. In addition to that, the

1 top and setting depth of any production liners. Is
2 that enough explanation for what I'm looking for?

3 MR. RANKIN: Let me restate and I'm
4 going to look at my client team to make sure they're
5 on the same page. For the AOR tables, you would like
6 an additional column or columns that includes the
7 casing setting depths for each casing string and the
8 top and setting depth of any liners for those wells in
9 the table?

10 MR. MCCLURE: That is correct. Does
11 your technical team understand what I'm looking for?

12 MR. RANKIN: Yeah. And that's
13 everything within a half mile, Mr. McClure?

14 MR. MCCLURE: Yeah. Anything that
15 should've been on that table. I guess if some of them
16 should not be on that table, then we could make a note
17 and say that they shouldn't have been there I suppose.

18 MR. RANKIN: Okay.

19 MR. MCCLURE: Because we are just, you
20 know, looking for what's with an AOR.

21 MR. RANKIN: Got it.

22 MR. MCCLURE: All right. On the type
23 log, I'd like to see the top and base of each of the
24 upper confining layers. Is your technical staff
25 familiar of what I'm looking for there?

1 MR. RANKIN: A hundred percent.

2 MR. MCCLURE: Okay. Thank you, sir.

3 Lastly, with the understanding that there's going to
4 be a great deal of hesitancy on the Division to grant
5 approval for a mass balance allocation, would Chevron
6 like to submit a amended allocation plan that does not
7 include mass balance?

8 MR. RANKIN: Mr. McClure, I guess my
9 thought on that would be if the Division wouldn't
10 approve the mass balance approach that's being
11 proposed, that it would instead require the same GOR
12 analysis that has been previously approved which is
13 what Chevron is proposing for injection events of
14 duration longer than seven days.

15 So unless you want that spelled out, I
16 think my response is that the answer is if the
17 Division declines to authorize that approach, it would
18 instead adopt the GOR analysis approach that's been
19 previously approved.

20 MR. MCCLURE: And the Division would be
21 prepared to adopt the GOR approach, but it would be
22 ideal I guess if that was also the allocation plan
23 that Chevron was proposing here or perhaps diversely
24 Chevron could put forth an alternative allocation plan
25 that includes only the GOR.

1 MR. RANKIN: I mean I guess, Mr.
2 McClure, if it's helpful for you to spell that out. I
3 mean the answer is yes. I mean if the Division is
4 unwilling to approve the mass balance aspect of the
5 proposal, Chevron would accept the GOR analysis
6 approach, so if it's helpful to put that in writing
7 somehow, then I'm happy to do that.

8 MR. MCCLURE: Yes. It would most
9 definitely be ideal to then amend your -- or give me a
10 supplemental exhibit with a newly proposed allocation
11 plan. In regards to the Division though of course
12 it's in the director's discretion what the Division is
13 going to issue, but yeah, my recommendation would not
14 be to approve a mass balance at this time.

15 THE HEARING EXAMINER: Is there
16 anything else, Mr. McClure?

17 MR. MCCLURE: That's everything on my
18 list, Mr. Rankin.

19 MR. RANKIN: Okay.

20 THE HEARING EXAMINER: Thank you, Mr.
21 McClure.

22 Mr. Rankin, do you want to just read it
23 back so we know you got it and it's on the record?

24 MR. RANKIN: Sure. Number 1 on the
25 list is to please update the AOR map to include any

1 wells that were not included that should've been and
2 if they're on the table but are outside the half mile,
3 then to note that's the case.

4 As the AOR tables, themselves, to
5 include for each well within the half-mile area the
6 casing setting depths for each casing string and the
7 top and setting depth of any liners as to those wells
8 within the half-mile, to provide as to the type log
9 the top and base of each confining layer, and then to
10 submit a alternative gas allocation methodology in the
11 event that Division declines to adopt Chevron's
12 proposed mass balance approach.

13 THE HEARING EXAMINER: Okay. Perfect.

14 Is there anything else, Mr. Rankin?

15 MR. RANKIN: No. Thank you very much.

16 THE HEARING EXAMINER: Okay. We're off
17 the record, but the record will remain open for the
18 amended exhibit packet. As soon as we receive the
19 exhibit packet the record will close and we'll take
20 the case under advisement.

21 MR. RANKIN: Thank you.

22 THE HEARING EXAMINER: And thank you to
23 the witnesses for coming down today and let's move on
24 to the last three cases that we have on our -- no. It
25 was more than three cases.

1 Did you ever get your witness, Mr.
2 Rankin?

3 MR. RANKIN: Yes. I believe. I'm
4 going to doublecheck to see that they're on. I see
5 Lizzy -- I see Parker. Okay. Good. Parker, Mr. Foy,
6 is available and online and is available to answer Mr.
7 McClure's questions in the two Ameredev cases and
8 we've only called the first one as I recall.

9 THE HEARING EXAMINER: Okay. What line
10 numbers are these?

11 MR. RANKIN: The case that we are on,
12 Mr. Examiner, and Mr. McClure had his question is line
13 number 67.

14 THE HEARING EXAMINER: 67. Thank you.
15 Ameredev. Okay. Let me get to my notes. Yes. Okay.
16 Did we admit any exhibits in these cases?

17 MR. RANKIN: I believe all the exhibits
18 were admitted.

19 THE HEARING EXAMINER: Excellent.
20 Okay. And we were at questioning stage and has this
21 witness been qualified as an expert?

22 MR. RANKIN: Yes. He has.

23 THE HEARING EXAMINER: In what field?

24 MR. RANKIN: In petroleum geology.

25 THE HEARING EXAMINER: Petroleum

1 geology.

2 Mr. Foy, let's get you sworn in. Raise
3 your right hand.

4 WHEREUPON,

5 PARKER FOY,

6 called as a witness and having been first duly sworn
7 to tell the truth, the whole truth, and nothing but
8 the truth, was examined and testified as follows:

9 THE HEARING EXAMINER: Okay. Mr.
10 McClure?

11 MR. MCCLURE: Thank you, Mr. Hearing
12 Examiner.

13 Mr. Foy, if I can direct your attention
14 to your Exhibit D4? It's on page 34 of 41. It should
15 be a cross-section.

16 THE WITNESS: Mm-hmm.

17 MR. MCCLURE: It appears that your
18 target interval is near the top of the Bone Spring; is
19 that correct?

20 THE WITNESS: Yes. The First Bone
21 Spring. So I guess it depends on if you're
22 categorizing -- above it is the Lower Avalon, but the
23 Avalon is also considered part of the Bone Spring. So
24 this is the top of the First Bone Spring.

25 MR. MCCLURE: Okay. So to confirm,

1 this is the top of the First Bone Spring sand; is that
2 correct?

3 THE WITNESS: Correct.

4 MR. MCCLURE: Okay.

5 Mr. Hearing Examiner, do you want me to
6 ask the same question for the next case, too, or wait
7 till we get there?

8 MR. RANKIN: We haven't called it yet.
9 We hadn't called it yet.

10 MR. MCCLURE: Okay.

11 THE HEARING EXAMINER: Mr. Rankin just
12 advised me I didn't call that case yet, so do you have
13 any other questions for this case?

14 MR. MCCLURE: I have no other
15 questions, but I do have a request for Mr. Rankin.

16 THE HEARING EXAMINER: Well, let's
17 first finish up with this witness.

18 Mr. Rankin, a redirect?

19 MR. RANKIN: No. No redirect.

20 THE HEARING EXAMINER: Very good.
21 This witness may be excused. Thank
22 you, Mr. Foy.

23 THE WITNESS: Thank you.

24 THE HEARING EXAMINER: Okay. Mr.
25 McClure, what is it that you'd like submitted in this

1 case?

2 MR. MCCLURE: Thank you, Mr. Hearing
3 Examiner.

4 Mr. Rankin, on your compulsory pooling
5 application checklist, that's page 5 of 41, there's
6 reference to the vertical extent being the Bone Spring
7 formation; do you see what I'm referring to?

8 MR. RANKIN: There.

9 MR. MCCLURE: With that pool in mind
10 that vertical extension should be changed to the Lower
11 Bone Spring.

12 MR. RANKIN: So maybe I'll share my
13 screen just so there's no -- I need to get back logged
14 in. So under the heading "Formation/Pool" on the
15 checklist, on the first page, where the next item
16 below where it says "Formation Names or Vertical
17 Extent," we've identified "Bone Spring" and you're
18 saying we should change that to "Lower Bone Spring"?

19 MR. MCCLURE: That's correct or else
20 place a limitation on it in the three boxes below
21 where it says "Pooling this vertical extent" at your
22 discretion.

23 MR. RANKIN: May I ask, Mr. McClure,
24 isn't it clear that we've identified the pool? Isn't
25 that satisfactory to identify which zone we're

1 pooling?

2 MR. MCCLURE: In the past we've
3 definitely been requiring the actual vertical limit to
4 be described in an accurate matter. That pool that
5 you have there is definitely limited to the Lower Bone
6 Spring.

7 MR. RANKIN: If you want me to do that,
8 I will do it.

9 MR. MCCLURE: Okay. Thank you, sir.
10 In addition to that, could we also submit an amended
11 geological exhibit that changes the data that's listed
12 there from "Bone Spring" to "First Bone Spring sand"?

13 MR. RANKIN: Yup. I'll ask Mr. Foy to
14 send me an update.

15 MR. MCCLURE: Okay. Thank you, sir.
16 No further requests, Mr. Hearing
17 Examiner.

18 THE HEARING EXAMINER: Okay. Thank
19 you.

20 Let's move on to case number ending in
21 68.

22 MR. RANKIN: Thank you, Mr. Hearing
23 Examiner.

24 THE HEARING EXAMINER: Sorry. Sixty-
25 eight on our list. It's actually 24701.

1 MR. RANKIN: Mr. Examiner, Adam Rankin
2 appearing on behalf of Ameredev Operating in this case
3 with the Santa Fe office of Holland & Hart.

4 THE HEARING EXAMINER: Are there any
5 other parties that you know of?

6 MR. RANKIN: Not in this case.

7 THE HEARING EXAMINER: Okay. Please,
8 proceed.

9 MR. RANKIN: Mr. Examiner, in this case
10 Ameredev seeks an order pooling all uncommitted
11 mineral owners in a standard 640-acre horizontal
12 spacing unit and the Bone Spring formation that may be
13 as it turns out, the Lower Bone Spring formation
14 underlying the equivalent of the West half of Sections
15 30 and 31, in Township 25 South, Range 36 East, in Lea
16 County.

17 The completed interval of the proposed
18 Nandina Fed Com 25 36 31 71H well will serve as a
19 proximity well allowing for the inclusion of
20 offsetting adjacent tracts into the spacing unit. As
21 with the prior case, Mr. Examiner, we've submitted
22 Exhibits A through F which are the application.

23 (Exhibit A was marked for
24 identification.)

25 The compulsory pooling checklist.

1 (Exhibit B was marked for
2 identification.)

3 The affidavit of the landman who has
4 previously been certified and approved, along with his
5 exhibits supporting the compulsory pooling.

6 (Exhibit C was marked for
7 identification.)

8 And then finally the exhibit and
9 testimony of Parker Foy, the geologist, who identifies
10 the acreage and tracks the target intervals and
11 confirms they're suitable for development by
12 horizontal well.

13 (Exhibit D was marked for
14 identification.)

15 E and F are the notice exhibits
16 reflecting that we provided notice by certified mail
17 and publication identifying each of the parties
18 subject to pooling.

19 (Exhibit E and Exhibit F were marked
20 for identification.)

21 We ask that Exhibits A through F be
22 admitted to the record and that the case be taken
23 under advisement.

24 THE HEARING EXAMINER: Are there any
25 objections?

1 Exhibits are so admitted.

2 (Exhibits A through F received into
3 evidence.)

4 Mr. McClure?

5 MR. MCCLURE: Thank you, Mr. Hearing
6 Examiner.

7 Is Mr. Foy still at the witness stand?

8 THE HEARING EXAMINER: He is. He is.

9 MR. MCCLURE: Thanks.

10 Mr. Foy, if I could direct your
11 attention to the Exhibit D4 for this case as well?
12 That's page 37 of 42.

13 THE WITNESS: Yes.

14 MR. MCCLURE: Where you reference the
15 "Bone Spring," did you actually mean to reference the
16 "First Bone Spring sand"?

17 THE WITNESS: Correct.

18 MR. MCCLURE: Okay. Thank you, sir.

19 No more questions, Mr. Hearing
20 Examiner, though I do have the same requests for Mr.
21 Rankin for this case as the last.

22 THE HEARING EXAMINER: Okay. To save
23 time, do you mean the same identical request to a
24 checklist and the exhibit?

25 MR. MCCLURE: Correct. It's the

1 identical -- yeah.

2 THE HEARING EXAMINER: Okay.

3 Mr. Rankin, any redirect on this?

4 MR. RANKIN: Mr. Foy, any problems
5 providing the information or the updates that Mr.
6 McClure requests?

7 THE WITNESS: No problem.

8 MR. RANKIN: No. No further questions,
9 Mr. Examiner. We'll get that done.

10 THE HEARING EXAMINER: You're clear
11 what Mr. McClure wants in this case as well?

12 MR. RANKIN: We are.

13 THE HEARING EXAMINER: Okay. Very
14 good. Then we are in recess on this case and we will
15 take it under advisement when we receive the
16 information that Mr. McClure has requested.

17 Let's go back to a case that I called.
18 Ms. Hardy is here. I saw her a moment ago. It was --
19 let me get to it.

20 Ms. Hardy, what case were you appearing
21 at when your witness was not available?

22 MS. HARDY: It is 24797, Permian
23 Resources and it's number 78 on the docket list.

24 THE HEARING EXAMINER: Very good. And
25 we had already admitted your exhibits and do you have

1 your witness now?

2 MS. HARDY: I do. Mr. Christian is
3 available. He's on camera.

4 THE HEARING EXAMINER: I see him there.
5 Mr. Christian, have you been accepted
6 as an expert in your field by the Division?

7 MR. CHRISTIAN: Yes. I have.

8 THE HEARING EXAMINER: Okay. And what
9 field is that?

10 MR. CHRISTIAN: Petroleum land
11 management.

12 THE HEARING EXAMINER: Land management.
13 Okay. Would you raise your right hand?

14 WHEREUPON,

15 COLLIN CHRISTIAN,
16 called as a witness and having been first duly sworn
17 to tell the truth, the whole truth, and nothing but
18 the truth, was examined and testified as follows:

19 THE HEARING EXAMINER: Mr. McCoy [sic]?

20 MR. MCCLURE: Thank you, Mr. Hearing
21 Examiner.

22 Mr. Christian, which all persons are
23 still being pooled under this order?

24 THE WITNESS: Just Devon Energy in this
25 one.

1 MR. MCCLURE: Okay. So then Canyon and
2 Tascoso [sic] is no longer being pooled; is that
3 correct?

4 THE WITNESS: That is correct. That
5 interest is now owned by Permian Resources Operating.

6 MR. MCCLURE: Okay. Thank you, sir.
7 Thank you, Mr. Hearing Examiner. No
8 further questions.

9 THE HEARING EXAMINER: Okay. Good.
10 Can we take this case under advisement?

11 MR. MCCLURE: Yes. We can.

12 THE HEARING EXAMINER: Okay. Very
13 good.

14 Thank you, Ms. Hardy.

15 Thank you, Mr. Christian.

16 We're off the record.

17 MS. HARDY: Thank you.

18 THE HEARING EXAMINER: Yes. We have
19 two cases left. Another one for Chevron U.S.A. 24799.
20 It is number 79 on our docket.

21 MR. RANKIN: Mr. Examiner, good
22 afternoon. Adam Rankin appearing on behalf of Chevron
23 in this case from the Santa Fe office of Holland &
24 Hart.

25 THE HEARING EXAMINER: Thank you. Are

1 there any other parties that you know of?

2 MR. RANKIN: Mr. Examiner, there was a
3 party that was protesting this administrative
4 application which is why we filed an application for
5 a hearing. However, that party has submitted a
6 withdrawal of their protest allowing us to dismiss
7 this case. We filed the dismissal yesterday or the
8 day before, but nevertheless it is of record at this
9 time and so for that reason, this case is being
10 dismissed and the Division is already confirmed that
11 it is resuming its administrative review.

12 THE HEARING EXAMINER: I saw that
13 document. I think Paula Vance sent. It was a
14 individual who signed that letter. Okay. Yes. I
15 remember that now. Okay. Then we are in recess on
16 this case and actually it has been dismissed. And you
17 said you filed a motion for dismissal?

18 MR. RANKIN: I have to confess I'm not
19 sure whether it was a motion or notice of dismissal.

20 THE HEARING EXAMINER: What we're doing
21 now is the director is not signing dismissals anymore.
22 I'm going to sign the dismissals. I'm not sure why
23 company cannot file its own dismissal, but by the
24 practice of the Division, that's how we're doing it.
25 So if you'll file a motion, we'll get an order signed

1 immediately.

2 MR. RANKIN: I'll confirm the format or
3 style of that and if it wasn't done that way, we'll do
4 it that way.

5 THE HEARING EXAMINER: Thank you.

6 Okay. We're in recess on that case and
7 we are on our last case. This is number 80 on our
8 docket. It is Tap Rock Operating number 24811.
9 Entries of appearance, please?

10 MS. BRADFUTE: Mr. Hearing Examiner,
11 Jennifer Bradfute on behalf of Tap Rock Operating.

12 THE HEARING EXAMINER: Are there any
13 other parties that you know of?

14 MS. BRADFUTE: No, Mr. Hearing
15 Examiner.

16 THE HEARING EXAMINER: Very good. So
17 you are seeking a compulsory pooling order?

18 MS. BRADFUTE: Yes.

19 THE HEARING EXAMINER: Okay. And what
20 is EDD stand for?

21 MS. BRADFUTE: This application
22 involved an overlapping spacing unit. I'm not sure
23 why the Division assigned EDD, but there was an
24 overlapping spacing unit operated by Tap Rock
25 Operating where they own 100 percent.

1 THE HEARING EXAMINER: Let me look up
2 the case to see your pre-hearing statement and your
3 exhibits. Ms. Bradfute, are you here in Santa Fe?

4 MS. BRADFUTE: I'm in Albuquerque.

5 THE HEARING EXAMINER: Oh, you are?

6 MS. BRADFUTE: Yeah.

7 THE HEARING EXAMINER: With what
8 company?

9 MS. BRADFUTE: I'm with Bradfute
10 Consulting and Legal Services which is a very small,
11 new law firm.

12 THE HEARING EXAMINER: Congratulations.

13 MS. BRADFUTE: Thank you.

14 THE HEARING EXAMINER: Okay. I have
15 your exhibit packet in front of me. Why don't you
16 proceed.

17 MS. BRADFUTE: Okay. Great. Thank
18 you, very much. Mr. Hearing Examiner, this case
19 involves a request for a compulsory pooling. Tap Rock
20 Operating, LLC, seeks to form a 1,920-acre standard
21 spacing unit for the development of the Wolfcamp
22 formation. The spacing unit will cover all of
23 Sections 11 and 12 in Township 25 South, Range 25
24 East, and all of Section 7 in Township 25 South, Range
25 26 East, in Eddy County, New Mexico.

1 This spacing unit overlaps with the
2 vertical spacing unit for the Wild Hog 11 Federal
3 number 1 well and this is a vertical well that's
4 operated by Tap Rock Operating, LLC currently and Tap
5 Rock's affiliate Tap Rock Resources 3, LLC owns 100
6 percent of the working interest and has consented to
7 the overlapping spacing unit. I pre-filed Tap Rock's
8 exhibits which contain affidavits from Tap Rock's
9 landman Erica Shewmaker which is included in
10 Exhibit A.

11 (Exhibit A was marked for
12 identification.)

13 And Tap Rock's geologist Eli DenBesten
14 which is included in Exhibit B.

15 (Exhibit B was marked for
16 identification.)

17 And then my affidavit is included in
18 Exhibit C.

19 (Exhibit C was marked for
20 identification.)

21 THE HEARING EXAMINER: Can you tell me
22 if your landman and your geologist have been qualified
23 as experts in their fields by this Division?

24 MS. BRADFUTE: Yes. They have.

25 THE HEARING EXAMINER: Thank you.

1 MS. BRADFUTE: Yeah. Additionally, the
2 exhibit packet contains all the typical attachments
3 and with that I would like to ask that Exhibits A, B,
4 and C admitted into the record.

5 THE HEARING EXAMINER: Are there any
6 objections?

7 Your exhibits are so admitted.

8 (Exhibit A, Exhibit B, and Exhibit C
9 were received in to evidence.)

10 MS. BRADFUTE: Thank you.

11 THE HEARING EXAMINER: And do you have
12 your witnesses available for questions?

13 MS. BRADFUTE: Yes, Mr. Examiner.
14 They're both here and available for questions.

15 THE HEARING EXAMINER: Very good.
16 Okay.

17 Let's go to Mr. McClure. Mr. McClure,
18 do you have any questions for the witnesses?

19 MR. MCCLURE: Mr. Hearing Examiner, I
20 do have a question for the landman, Ms. Shewmaker.

21 THE HEARING EXAMINER: Very good. Can
22 we get her camera?

23 MS. BRADFUTE: Yeah. She is on camera
24 now.

25 MS. SHEWMAKER: Hello.

1 THE HEARING EXAMINER: Hello. Would
2 you raise your right hand, please?

3 WHEREUPON,

4 ERICA SHEWMAKER,
5 called as a witness and having been first duly sworn
6 to tell the truth, the whole truth, and nothing but
7 the truth, was examined and testified as follows:

8 THE HEARING EXAMINER: Thank you.

9 Mr. McClure?

10 MR. MCCLURE: Ms. Shewmaker, if I can
11 direct your attention to your summary of contacts,
12 Exhibit A7, page 29 of 98?

13 THE WITNESS: Yes. Yes. I have it in
14 front of me.

15 MR. MCCLURE: Yes, ma'am. On this
16 table it appears that you're primarily including the
17 date on which the proposal letter AFEs and JOA were
18 sent to each of the persons; is that correct?

19 THE WITNESS: Yes.

20 MR. MCCLURE: Did any of these persons
21 respond to you?

22 THE WITNESS: Yes. We've been in
23 communication with almost everybody in this list back
24 and forth since May.

25 MR. MCCLURE: Is a summary of those

Page 241

1 communications included anywhere in the application
2 packet?

3 THE WITNESS: It's not, but we're in
4 varying stages of negotiations and discussions with
5 many of these parties in this list. But in general,
6 thus far those communications have not included any
7 objections to us moving forward with this case today.
8 And as you'll note the second to last column on the
9 right is the delivery date, so all of these parties
10 have received the proposal, the AFEs, and the proposed
11 operating agreement.

12 MR. MCCLURE: I have one additional
13 question for you and then I want to confirm that you
14 understand what I'm getting ready to ask your attorney
15 to submit to us in an amendment. My question to you
16 is, do you believe that Tap Rock entered all of these
17 negotiations in good faith?

18 THE WITNESS: Yes. I do.

19 MR. MCCLURE: Okay. I'm going to ask
20 your attorney to provide us with an amended exhibit
21 here that includes more details in regards to the
22 communications sent to and received from each of these
23 persons. Do you understand what I'm looking for?

24 THE WITNESS: I do. Yes.

25 MR. MCCLURE: Okay. Thank you.

1 No more questions, Mr. Hearing
2 Examiner, but I would like to make that request.

3 THE HEARING EXAMINER: Okay. I have a
4 question for Ms. Shewmaker. Is that how you pronounce
5 your name? Shewmaker?

6 THE WITNESS: Shewmaker. Yes.

7 THE HEARING EXAMINER: Shewmaker.
8 Good. I just was looking up some of these tracking,
9 USPS tracking numbers, and one of them -- I've only
10 checked two so far, but one of them says "In transit,"
11 even though it was sent in May. I don't think it was
12 ever delivered and I wondered did you find the same
13 thing when it came to Oxy U.S.A. WTP LP?

14 THE WITNESS: I didn't and there are a
15 couple other parties that USPS shows that for as well
16 and how I -- what I found is that the USPS tracking is
17 not always reflective of the actual delivery status.
18 So where we had contact info which I believe for most
19 of the parties that still said "In transit," we did.
20 But companies like Oxy U.S.A. WTP, what we did is we
21 reached out to our known contacts there to confirm
22 that they have received those proposals and everybody
23 in the list did confirm that they in fact did receive
24 them.

25 THE HEARING EXAMINER: Okay. Thank

1 you.

2 So Ms. Bradfute, are you understanding
3 what Mr. McClure wants?

4 MS. BRADFUTE: Yes. I am.

5 THE HEARING EXAMINER: You are?

6 MS. BRADFUTE: Yeah.

7 THE HEARING EXAMINER: Okay. How long
8 do you want us to keep the record open to receive
9 that?

10 MS. BRADFUTE: We would like to get
11 this to you as soon as possible, so if we could get
12 this to you even tomorrow?

13 THE HEARING EXAMINER: Tomorrow.

14 MS. BRADFUTE: Yeah. That would be
15 wonderful.

16 THE HEARING EXAMINER: Why don't I
17 leave the record open so that -- I'll give you a
18 deadline of Monday just so you have more time. If we
19 get it tomorrow, we'll close the record and we'll take
20 it under advisement, but you have until the 16th close
21 of business to submit the -- why don't you tell me
22 what it is that Mr. McClure wants of you?

23 MS. BRADFUTE: So he would like an
24 amended Exhibit A7 which shows a more robust timeframe
25 of all the contacts with the parties listed there.

1 THE HEARING EXAMINER: Sounds good.

2 MS. BRADFUTE: Yeah.

3 THE HEARING EXAMINER: And that's
4 something that you can provide, Ms. Shewmaker?

5 THE WITNESS: Yes, sir.

6 THE HEARING EXAMINER: Thank you.
7 Since this is the first time I think that we're
8 handling one of your cases, when you have a situation
9 where we need an amended exhibit list, please provide
10 an entire exhibit packet with a cover letter that
11 tells us why you are submitting it.

12 So in this case you would say that you
13 are amending Exhibit A7 to whatever -- address Mr.
14 McClure's concerns. However you want to word it.
15 That way we'll know why you're doing you're doing and
16 then we'll take out your original exhibit packet so
17 there isn't confusion between the different exhibit
18 packets that are in there.

19 MS. BRADFUTE: Okay. Yes. I
20 understand.

21 THE HEARING EXAMINER: Okay. Then
22 we're in recess on this case.

23 Thank you, Mr. McClure, for your time
24 today and all your review.

25 Thank you, Ms. Shewmaker, for your

1 attendance.

2 And thank you, Court Reporter.

3 And we are off the record.

4 MR. MCCLURE: Thank you.

5 THE REPORTER: Off the record at

6 1:54 p.m.

7 (Whereupon, at 1:54 p.m., the
8 proceeding was concluded.)

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

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

CERTIFICATE

I, BRETT TORRENCE, the officer before whom the foregoing proceedings were taken, do hereby certify that any witness(es) in the foregoing proceedings, prior to testifying, were duly sworn; that the proceedings were recorded by me and thereafter reduced to typewriting by a qualified transcriptionist; that said digital audio recording of said proceedings are a true and accurate record to the best of my knowledge, skills, and ability; that I am neither counsel for, related to, nor employed by any of the parties to the action in which this was taken; and, further, that I am not a relative or employee of any counsel or attorney employed by the parties hereto, nor financially or otherwise interested in the outcome of this action.



BRETT TORRENCE
Notary Public in and for the
State of Missouri

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

CERTIFICATE OF TRANSCRIBER

I, MICHELLE PRIFF, do hereby certify that this transcript was prepared from the digital audio recording of the foregoing proceeding, that said transcript is a true and accurate record of the proceedings to the best of my knowledge, skills, and ability; that I am neither counsel for, related to, nor employed by any of the parties to the action in which this was taken; and, further, that I am not a relative or employee of any counsel or attorney employed by the parties hereto, nor financially or otherwise interested in the outcome of this action.



MICHELLE PRIFF

&	58:15 59:11	107h 123:15	121h 145:13
& 3:4,7,9,12,16 3:18,19 23:5 23:13 24:7 25:3 35:15 38:21 39:1 42:15 48:12 61:13 76:7,14 82:18,18 83:12 93:21 128:25 149:13 230:3 235:23	63:8 64:12 67:10 73:20 77:22 85:13 88:1,14 91:19 92:1 102:13 122:22 123:13 133:23 134:2 189:22,25 190:2,3,23 192:8 10,000 111:7 197:22,25,25 198:1,2,2	108 92:13,24,25 113:17 10:18 105:21 10h 120:5 10th 19:3 32:3 33:3,12 50:24 50:25 51:2 56:1,4 62:9,17 63:5 66:22 67:15 68:24 69:2 77:17,18 78:8 87:24 90:2 91:2,18 134:7	1220 2:12 122h 145:15 124/126 8:14 8:15,16,17,18 8:19 125 165:2 125h 123:18 127/128 8:22 8:23,24,25 9:4 9:5 12:22 206:21 12:23 207:8 12:28 213:18 13 47:24 57:22 163:11
0	100 6:7 172:24 173:2 174:25 175:6,8,15,22 176:3,4,7,20 179:2 181:22 181:25 189:5 190:5,8,13 191:8,13 193:7 195:9,10,13,20 196:19 199:9 204:17 216:19 237:25 239:5	11 59:11 60:21 238:23 239:2 11,000 116:13 117:18 115 6:8 7:9 21:4 115s 15:13 117 6:7 118 164:18 167:1 118/118 7:25 11:30 146:17 11th 26:11,12	130/131 9:8,9 9:11,13 131/131 9:14 9:15 131h 145:13 132h 145:15 134/139 9:19 9:20,21,22 135/139 9:23 9:24 10:5 136/139 10:6 13th 86:12
1	102s 130:16 134:22 135:1 103h 124:1 107 97:12 100:4,10,12 103:5,18 108:8 109:24 112:6 113:12	12 2:7 15:1,5 15:17 42:5 58:14 213:21 238:23 120/121 8:9,10 8:11	14 6:3 47:24 52:20 58:14 143/144 10:9 10:10 146/146 10:13 147/148 10:18 10:19
1 7:4 20:4,7,8 20:10,17 22:10 22:12 27:25 97:1 102:17 103:4 106:8 107:12 108:20 112:8,9 113:15 115:15,16 190:17,21,22 223:24 239:3 1,000 192:17 1,290 133:23 1,920 238:20 1.8 102:2 10 15:7 52:7 55:3,14 56:9 56:24 57:7,19			

148/148 10:20	1:18 213:20	2022 138:8,9	230/232 12:8
149 162:15	1:54 246:6,7	153:19	23009 143:10
14th 51:7	2	2023 112:23	143:11,14
15 15:24	2 7:5 20:12,14	2024 2:7 16:16	231/232 12:9
122:22 123:13	20:17 21:14	72:16 143:10	12:10,11,12,13
143:10 178:23	22:25 27:25	220:4	239/240 12:17
178:25 179:7	68:1 97:1	2025 84:19	12:19,21
179:12,13,19	101:15,24	209:7	24 16:7 181:20
179:22 192:8	115:17 162:24	20h 120:5	240 147:6
15-3 123:15,18	185:15 186:4,4	20th 46:2,5,7	24184 1:9 23:1
124:1	186:6	46:23 47:2,11	23:18 69:7
150/154 10:23	2,500 192:17	47:18 65:16	73:19
10:24 11:5,6,7	20 97:1,5	21/22 7:8,9,10	24185 1:9 23:1
151/154 11:8	103:11,21	7:11,13,16	23:18 27:19
11:11,12,13,14	117:1 145:5	210/210 12:4,5	29:9 30:22
11:15,16,17	20,000 111:3,5	21455 96:23	31:21 34:17
158 11:20,21,22	197:23 198:1	103:20	68:16 69:8
159 11:23,24,25	20/22 7:4,5,6	21484 27:18	70:4 72:2,3
15th 43:19	2003 215:10	21756 15:8	73:20
160 53:11	2004 215:13	21h 120:5	24255 1:10
16th 244:20	2013 215:18,19	21st 66:1	35:8
17 120:3	2014 161:10,12	22 126:20	24275 1:10
17/22 7:18	2015 111:25	221 162:15	35:8
178 6:10	112:2 137:13	163:18 164:18	24276 1:10
18 147:9	153:8	166:13 168:25	35:8
19 108:8	2017 137:15	184:10	24289 1:11
133:23	161:13	22908 209:8	38:17 59:13
19.15.25.8. 15:6	2018 153:18	22nd 32:7 33:3	24290 1:11
19.15.59 15:7	215:20	33:12,15,16	38:17
19.15.7.24.	2019 15:14	53:4 62:11,14	24296 1:11
15:15	161:17 215:21	64:15,18,20	38:17
19.15.8.9 15:13	201h 145:8	65:9,17	24297 1:11
195 6:12	2021 16:7 17:2	23 16:15 100:4	24457 1:12
1:15 208:19	19:7 108:20	100:9,11	42:6
212:14,15	109:1,20 112:2	109:24 126:22	

[24459 - 24811]

24459 1:12	24713 1:17	24767 1:22	24785 1:15
24460 1:12	57:15,21	76:12	24786 1:15
24462 1:12	24714 1:17	24768 2:1 10:8	24787 1:15
24463 1:13	49:1,12 57:25	143:7,20	24788 1:16
24479 1:13	24722 1:19	24769 1:25	24789 1:16
24542 1:24	61:6	8:21 9:3 128:2	24790 1:16
88:25	24732 1:18	128:11	42:6
24574 1:16	49:12,23 58:5	24770 1:25	24791 2:2
47:24 49:25	24733 1:18	8:21 9:3 128:3	10:15 146:25
24575 1:17	58:5	128:11	147:17 148:14
49:25	24734 1:18	24771 1:22	24792 2:2
24608 1:24 8:8	24735 1:18	82:11	10:22 11:3
119:24	49:23	24772 1:19	149:1,20
24632 75:22	24750 2:1 9:17	47:25 58:6	156:13
2464 96:24	10:3 133:6	24773 1:9 7:3	24793 2:3
24667 1:24	139:1	14:1	10:22 11:3
8:13 121:14,21	24755 1:24	24774 1:22	149:1 151:15
123:8 125:24	7:20 8:3 93:16	83:5	156:13
24668 1:25	96:17	24775 2:1	24794 2:3
8:13 123:8	24756 1:19	10:12 144:20	11:19 149:1,2
24678 1:10	75:21 76:19	145:6,25 146:6	155:20 156:22
23:1,9 69:8	24757 1:19	24776 2:2	24797 2:3 12:3
72:2 74:1,2	75:22	10:12 146:6	208:4,21
24699 1:25 9:7	24758 1:20	24777 2:2	209:23 233:22
121:19 128:19	24759 1:20	10:12 145:20	24799 2:3
129:8 131:22	76:19	146:6	235:19
24700 131:23	24760 1:20	24778 1:13	24807 1:23
133:2	76:12	42:7	85:13
24701 2:1 12:7	24761 1:20	24779 1:13	24808 1:23
128:20 133:3,3	24762 1:21	24780 1:14	24809 1:23
229:25	24763 1:21	24781 1:14	24810 1:23
24712 1:17	24764 1:21	24782 1:14	24811 2:4
47:24 48:25	24765 1:21	24783 1:14	12:15 210:6
49:11 52:20	24766 1:22	24784 1:15	212:22 237:8
57:25			

[24th - 59]

<p>24th 148:6 25 97:5 116:22 120:2,4 122:22 230:15,18 238:23,23,24 25th 65:16 66:2 26 97:6 147:9 147:11 238:25 26372 247:17 27 100:8 120:3 145:5 147:8,11 28 110:19 112:24 147:9 28.5 97:2 108:9 110:12 116:6,9 117:2 28.5. 103:13 28.8 110:11 29 122:22 184:10 241:12 29th 46:19 136:11 2a 7:6 20:18,21 20:23 2b 7:7 20:25 21:2 2c 7:9 21:4,5 2d 7:10 21:7,8 2e 7:11 20:19 21:10,11 2nd 43:1,2</p>	<p>101:15 110:25 111:2,14 122:22 123:12 162:24 239:5 30 42:5 43:21 75:10 110:21 111:7,19,20 112:6,24 113:12 116:22 116:23 171:3 230:15 30,000 110:3,17 111:6,19 112:25 31 47:23 230:15,18 31st 26:1,5 28:17 31:17 34:23 37:23 43:23 44:1 45:4,13 46:23 69:9,17 72:2,7 72:25 73:19 74:3 75:3,4 84:13,21 85:1 87:13 32 47:24 58:7 145:4,8,12,12 145:14,15 320 120:1 145:10 32564 248:14 33 29:13 47:24 49:12 75:22 80:17 133:24</p>	<p>145:4,8,12,13 145:14,15 149:23 34 29:13 47:24 49:12 58:5 226:14 35 47:24 49:12 58:5,7 102:14 102:17 36 102:13 230:15,18 37 232:12 38 17:18 126:22 38-24 1:9 39 17:18 3d 100:20,25 3rd 71:7,14 72:5 73:5 75:8 75:13 142:4,5</p>	<p>42 75:21 232:12 44 163:24 165:3 45 165:4 46 165:4 47 163:24 165:4 48 181:22 480 149:22 151:17</p>
			5
			<p>5 7:17 17:18,19 18:4 19:7 20:4 20:7 22:3,10 22:12 35:7 174:17 228:5 5,005 115:18 5,500 108:1 110:2,10,16,18 111:3,18 115:6 115:7 50 110:11 52 168:25 188:19 53 100:10 102:13,14 54 82:11 55 83:4 56 85:11 57 85:11 58 75:22 85:11 59 42:6 75:22 85:11</p>
		4	
		<p>4 7:14 21:21,24 22:25 68:1 149:24 151:19 151:22 4,779 115:17 4,800 157:1 4-33 149:25 40 53:10 402h 149:25 41 61:5 102:25 103:5 226:14 228:5 414h 151:22</p>	

[5th - able]

<p>5th 16:21 46:2 46:5,7,14,14,18 47:17 134:3</p>	<p>70 121:14,21 143:1 70h 120:5</p>	<p>86 42:7 75:22 87 42:7 75:22 87505 2:13</p>	<p>a</p>
<p>6</p>	<p>71 144:18 71h 120:5 230:18</p>	<p>88 42:7 89 42:7 8th 77:25 78:1 78:2,7 79:1,6 79:19,24</p>	<p>a.m. 2:8</p>
<p>60 42:6 75:22 88:23 61 75:22 93:17 611h 147:11 62 42:6 75:23 119:9 163:18 166:13 63 42:6 75:23 121:13 632 80:17 64 75:23 640 145:6 230:11 65 75:23 103:18 135:17 66 75:23 121:13 67 75:23 121:18 123:9 128:18 225:13 225:14 6773977 2:15 68 121:14,21 123:21 125:24 229:21 69 121:14,21 133:5</p>	<p>72 58:8,9,10 74 146:24 75 47:24 148:24 155:2 76 144:20 145:25 155:2 77 144:20 145:25 155:20 207:1 78 74:17 233:23 79 42:6,7 155:16 235:20 7th 59:23 60:15 60:17</p>	<p>9</p>	<p>a1 9:20 134:16 134:17</p>
<p>7</p>	<p>8</p>	<p>9</p>	<p>a2 9:21 134:19 134:20</p>
<p>7 60:23 238:24</p>	<p>8 38:15 59:11 60:21 78:5,13 80:20 80 42:7 237:7 81 42:7 82 42:7 83 42:7 84 42:7 73:11 74:17 75:22 85 42:7 73:7,10 73:12 74:17 75:22</p>	<p>9 59:11 133:23 134:2 151:19 151:22 190:13 209:7 9,002 185:7 9,800ish 186:14 9.4 107:17 9.5 104:19 92 156:18 185:13 93 156:18 94 156:19 95 193:8 959.4 123:11 959.8 123:24 97 38:17 209:24 97/99 7:22,24 98 186:14 241:12 98/99 8:5,6 99 193:8 9:31 2:8 9th 16:19,24 17:6 51:11,15 79:25</p>	<p>a3 9:22 10:19 134:22,23 147:21,22 148:14</p>
			<p>a4 9:23 135:4,6</p>
			<p>a5 9:24 135:8,9</p>
			<p>a7 241:12 244:24 245:13</p>
			<p>abadie 3:7 23:13 35:15 48:12</p>
			<p>abandon 15:17 15:19</p>
			<p>ability 101:16 109:21 247:10 248:7</p>
			<p>able 31:11 36:25 40:4,12 40:16 41:3 43:22 51:1 62:10,14 64:4 68:19,23 69:5 69:16,22 101:13,20 104:13 105:8 106:6 107:13 122:8 165:9,22 170:22,25 171:10,15,18</p>

[able - address]

172:21 173:5,8 174:15,18,19 192:18 197:7 202:23 203:17 205:12 206:9 207:6 210:19 above 115:7 226:22 absence 176:16 203:22 absolutely 93:8 109:15 142:1 213:15 accept 63:20 138:18 223:5 acceptable 91:20 accepted 120:15 124:24 130:11,24 147:15 150:13 151:1 159:5 234:5 access 66:13 101:7,11 accommodate 207:23 account 172:11 173:9 190:17 accounted 198:21,24 199:1 202:14 accounting 174:15 202:9	accuracy 174:24 175:5 175:14 189:4 195:7,13 accurate 167:14 169:17 169:19,24 172:5 173:21 174:11,23 175:4,13 177:12 179:20 188:16 189:3 189:23,24 190:6 191:3,7 191:8 193:7 194:3 195:9,17 211:8 229:4 247:9 248:5 achieve 108:9 108:11 achieved 115:6 161:10,11,13 172:24 acid 96:25 97:7 109:7 113:2,9 115:24 acquired 72:15 113:19 acquiring 72:22 100:25 114:1 acre 53:11 120:1 123:11 145:6,10 147:6 149:22 151:17	157:1 230:11 238:20 acreage 27:19 27:20 28:1,13 28:21 31:1 36:24 39:23 40:1,2 44:21 50:5 72:16,22 73:3 75:14,16 122:11,21 123:13 127:16 127:19 131:1 151:5 152:4 157:2 231:10 acres 53:10 123:24 133:23 151:20 acting 72:20 action 70:9 247:12,16 248:8,12 active 112:8 activities 107:3 107:12 activity 34:4 actual 22:5 184:13,25 185:4 229:3 243:17 actually 13:24 26:11 70:16 71:10 73:10 78:24 81:10 90:2 156:9 170:10 178:2	179:18 180:11 182:18 195:19 205:17 229:25 232:15 236:16 ad 153:21 adam 3:19 8:5 93:20 121:23 128:22 149:12 230:1 235:22 add 28:12 52:13 80:12 109:14 220:23 adding 15:22 addition 28:14 106:25 220:25 229:10 additional 7:7 21:1 28:13 101:25 117:7 118:24 120:10 143:8,11,13 145:23 151:23 168:5 170:17 172:10 198:1,2 220:23 221:6 242:12 additionally 240:1 address 27:7 44:25 93:24 108:12 149:8 157:4 165:24 169:20 178:15 200:21 202:12 202:23 205:12
---	---	--	---

[address - ago]

<p>205:17,19 206:9,14 245:13 addressed 149:3 204:14 208:10 adjacent 123:16 124:2 149:24 150:1 230:20 administrative 96:23 133:25 236:3,11 administrativ... 92:25 admission 131:14 152:6 159:13 admissions 127:24 admit 19:24 20:4 94:12 98:7 118:7,8 127:10 225:16 admitted 22:10 98:25 106:10 118:17 120:11 121:3 125:21 125:25 126:12 127:10 128:11 131:22 133:4 136:23 139:1 143:19 144:5 145:21,24 146:4 148:8,12</p>	<p>154:5,7 155:23 156:20 160:17 209:16 210:13 214:21 225:18 231:22 232:1 233:25 240:4,7 admitting 120:25 adopt 222:18 222:21 224:11 adopting 203:24 advance 46:17 158:2 advancing 31:15 adverse 115:20 adversely 89:14 advised 36:5 227:12 advisement 22:17 119:3 120:12 121:10 127:12 128:12 131:16 143:21 144:15 146:1 146:14 148:9 148:21 152:7 156:19 209:16 224:20 231:23 233:15 235:10 244:20 advisor 4:11 162:2</p>	<p>aeronautical 215:11,12 afes 135:5 241:17 242:10 affect 27:10 89:14 affected 112:12 192:3 affects 27:7 affidavit 7:13 8:6 9:15 10:6 10:16,17,20 11:9 12:4,10 12:20 13:18,25 14:23 15:16 16:15 20:5,16 21:18 29:3,5,9 29:15 30:17 37:1,15 39:18 40:6 41:14 51:3 52:9 53:2 55:4 56:1,4,11 56:14,17,24 57:1,16,20 58:4,12,21 60:23 68:20 70:23 89:24 91:5 92:1 93:5 93:16 98:18 99:5 119:20 122:5,7 130:25 131:10 133:14 135:24 143:5 147:25 149:16 150:23 169:5,5</p>	<p>188:20 209:10 231:3 239:17 affidavits 59:15 92:23 147:12 239:8 affiliate 239:5 affirmative 200:22 affirmed 7:21 7:23 8:4 9:10 9:18 10:4 11:4 12:16,18,20 96:13 97:13,17 98:12 130:9,18 131:3 134:11 135:12 158:9 160:11 163:4,6 afternoon 59:21 60:13 79:23 235:22 age 33:20 34:8 52:8 agent 16:24 agi 97:1 102:17 106:8 107:12 108:20 110:4,9 110:20 111:8 112:10 113:13 114:10 115:11 115:15,15,17 ago 25:19 26:9 26:10 62:5 90:22 92:11,14 100:24 233:18</p>
---	--	---	---

[agree - apologize]

<p>agree 44:11,23 46:22,23 80:12 85:7 87:17 191:1 219:16</p> <p>agreeable 50:22</p> <p>agreed 28:7 43:25 141:15 193:14 211:6</p> <p>agreeing 177:12</p> <p>agreement 18:10 27:21 34:6 36:23 51:1 55:24 56:2,8 123:3 141:15 242:11</p> <p>agreements 177:14</p> <p>agrees 52:17 53:15</p> <p>ahead 18:18 86:19 135:3 163:10 164:10 164:15 185:17 210:24 218:13 220:16</p> <p>air 215:12</p> <p>albuquerque 238:4</p> <p>allocate 183:6 198:6 203:17</p> <p>allocation 169:4,7,24 171:5,19</p>	<p>173:19,21 174:10,25 175:6,14 182:16,24 188:20 189:4 189:24 191:2 194:6,9 195:8 200:11 222:5,6 222:22,24 223:10 224:10</p> <p>allow 43:21 46:24 75:9</p> <p>allowable 108:10 115:16</p> <p>allowed 110:5</p> <p>allowing 123:16 124:2 150:1 206:20 230:19 236:6</p> <p>allows 101:12 151:22 173:7</p> <p>alluded 50:17 62:12</p> <p>alternative 15:18 56:18 222:24 224:10</p> <p>amend 52:23 53:12,16 96:22 118:14 223:9</p> <p>amended 51:15 53:18,21 118:18 119:4 120:7,20 125:23 141:21 142:6 143:25</p>	<p>144:6 145:18 186:18 222:6 224:18 229:10 242:20 244:24 245:9</p> <p>amending 54:13 245:13</p> <p>amendment 143:2 207:3,3 208:4 211:4 242:15</p> <p>amendments 117:6 218:9 219:20</p> <p>ameredev 121:19 128:18 128:23 131:21 132:21 225:7 225:15 230:2 230:10</p> <p>amount 170:22 170:25</p> <p>analogy 173:10</p> <p>analyses 130:25</p> <p>analysis 101:1 112:7 181:11 181:11 195:10 195:20 198:5 199:8,12 222:12,18 223:5</p> <p>andrew 5:3</p> <p>angelle 4:8 11:5 150:12 152:15</p>	<p>152:15,21 154:17</p> <p>answer 104:6 168:16,19 182:11 186:8 190:2 195:22 195:22 200:16 202:4,10 204:3 205:14,16 210:19 216:24 222:16 223:3 225:6</p> <p>answered 106:20 190:12 200:19 201:23</p> <p>answers 107:9 108:3</p> <p>anticipate 57:19 58:4 175:22</p> <p>anymore 236:21</p> <p>anyway 60:15</p> <p>aor 112:6 164:23 165:12 166:2,10,13,25 219:24 220:17 220:23 221:5 221:20 223:25 224:4</p> <p>apodaca 4:20 7:13 21:18</p> <p>apologize 77:19 139:21,25</p>
--	--	---	--

[apology - area]

<p>apology 154:12</p> <p>apparently 73:3 79:3</p> <p>appearance 14:2 23:2 24:25 35:9 38:17 42:8 47:25 48:15 49:24 50:9,12 61:7 75:23 76:11,18,24 80:5 83:6 85:13 88:25 89:6,18 90:4 93:18 119:10 121:15,21 128:20 129:7 133:6 143:2 144:20 149:11 157:8,9,21 208:22 210:4 237:9</p> <p>appearing 23:6 49:11 70:8 121:24 128:23 149:13 230:2 233:20 235:22</p> <p>appears 37:9 163:23 226:17 241:16</p> <p>applicable 218:21</p> <p>applicant 23:8 38:22 49:23 63:4 93:22</p>	<p>96:22 121:24 122:19 128:23 149:14</p> <p>application 8:15 9:9 10:24 11:20 12:8 25:22,25 27:12 28:16 54:6,9,9 54:14 57:14 64:11 65:2 69:15 72:3 84:4 92:9,13 92:15 93:3 100:23 101:6 102:15 103:12 103:20 108:8 113:17 117:5,6 130:1,5 134:10 139:17 141:7,9 141:12 150:7 157:2 158:5 163:18 164:18 170:1,5 183:4 200:13 201:3 203:20 209:11 209:21 219:9 219:14,19 228:5 230:22 236:4,4 237:21 242:1</p> <p>applications 24:23 25:13,24 33:23 34:2 42:20 43:22 44:15 49:4</p>	<p>50:5,7 51:15 51:16,21 52:19 52:20,24 53:7 53:16 55:10 56:3 62:7 63:17 68:7,13 68:16 77:7,9 80:15,17,18 84:1,9,11 87:9 87:11 101:8 113:22 124:13</p> <p>applied 193:25</p> <p>applies 119:24</p> <p>applying 119:24</p> <p>appreciate 40:24 212:7</p> <p>approach 171:1,22 172:3 174:5 179:10 180:3,16 181:24 191:23 191:25 193:9 193:14 195:7 195:16,18,23 195:24 196:20 197:20,24 198:12 199:7 203:25 222:10 222:17,18,21 223:6 224:12</p> <p>appropriate 101:10 151:5 210:21 219:15</p>	<p>approval 96:23 103:19 127:20 134:1 177:8,16 222:5</p> <p>approve 222:10 223:4,14</p> <p>approved 28:3 103:21 107:15 123:19 135:2,4 170:4 171:15 177:11,13 193:13 222:12 222:19 231:4</p> <p>approves 116:17</p> <p>approximate 163:12 186:2</p> <p>approximately 110:11 123:24</p> <p>approximating 185:1</p> <p>april 42:25 43:2 45:4</p> <p>arabia 161:16</p> <p>area 92:14,18 101:15,19 114:14 116:25 117:8 138:4 149:7 157:1 164:14 170:3 177:9,17 193:20,22,24 203:14 204:12 205:2 216:13 220:4,13 224:5</p>
---	--	--	--

[argue - aware]

<p>argue 54:24 70:11 196:13 arrive 110:15 arrived 104:14 art 40:3 59:5,6 asked 107:8 115:4 188:24 200:2,18 201:12,17,22 asking 27:6,6 88:6 110:9,12 116:25 165:21 178:13 182:15 185:20 195:6 195:16 201:5 201:22 203:20 206:15 219:3 aspect 223:4 assay 194:5 assessment 219:17 asset 18:9 138:3 161:22 assets 17:9 18:21 19:1 assigned 237:23 associated 148:1 assume 196:2 197:20,24 assuming 56:1 219:14 assumption 195:25,25,25</p>	<p>196:7,22 197:11,14,16 198:3 218:20 assumptions 198:5 220:16 assurance 15:12 attached 126:16 130:14 130:24 135:17 150:18 attachments 95:11 113:22 131:15 148:1 240:2 attainable 109:6 attendance 246:1 attendees 3:2 4:2 5:2 attending 81:5 135:18 attention 13:13 13:21 100:3 108:7 109:24 112:5 113:11 135:23 162:15 163:17 165:2 166:13 168:24 180:12 184:9 226:13 232:11 241:11 attorney 53:20 242:14,20</p>	<p>247:14 248:10 audible 138:16 audience 94:7 152:11,13 157:3 audio 247:8 248:3 august 16:19 39:20 43:5,6 43:10,19 86:12 136:11 148:6 austin 137:15 authority 15:8 15:18 authorize 222:17 authorized 209:8 authorizing 156:23 automatically 54:6 available 14:8 40:6 46:12 59:20 60:6,21 71:4 81:1 93:24 94:4,14 101:3,9 113:25 133:17 146:18 152:9 157:3,4 159:15,16 186:22 199:13 206:6 211:17 211:19,20 225:6,6 233:21</p>	<p>234:3 240:12 240:14 avalon 185:15 186:4 193:24 226:22,23 avant 23:9,20 24:11,22 25:7 25:24 27:10,12 27:16,17,22 28:14 29:12,14 29:25 30:3 31:6,9,11 32:2 32:16,18,20,24 34:8,12 61:6,9 62:15 64:19 67:14 68:4,7,7 68:12 69:8 72:15 74:18 76:15 77:3,4 80:21,23 83:5 83:8 84:11 avant's 31:15 32:12 72:11 77:10 84:18 averaged 112:24 avoid 59:21,21 avu 186:4,6 aware 39:7 82:24 84:8 86:3 89:24 166:2 200:12 203:13 204:10</p>
---	--	--	---

[b - behalf]

b	66:17 67:5,24	180:16 181:11	107:16 109:20
b 7:1,23 8:1,10	67:25 71:22	181:24 189:4	113:16 115:8
8:15,23 9:1,9	78:7 87:20,22	189:10,23	115:19,21,23
10:1,4,10,24	87:24,25	190:5,6,8	117:12 127:3
11:1,21 12:1,5	104:17 105:20	191:2 193:9,14	144:1 177:13
12:9,18 95:7	111:25 118:15	193:25 194:2	179:1,5,12,21
96:23 97:17,18	128:17 132:12	195:7,18	183:1 185:1
103:20 112:8	138:14,21	198:12 199:7	190:5 194:13
120:21,23	139:9 142:3,3	203:25 222:5,7	204:1 206:4
121:4 124:5,13	166:13,24,25	222:10 223:4	basically 75:10
124:15 130:5,7	168:1 169:10	223:14 224:12	195:24
135:11,13	170:15 171:25	balancing	basin 137:22
139:3 143:19	174:2,18 176:9	190:16	137:25,25
143:22 144:7	181:4 186:15	bank 173:9,11	basis 86:23
150:7,9 158:9	190:10 191:20	190:16	87:5 114:12
158:12 159:24	192:1 199:8	bar 15:2,3	116:9
162:20,23,24	204:4,22	16:24	baylen 5:4
163:1,3,3	206:23 207:7	barb 15:2,3	bearing 123:2
209:13 210:9	208:18 212:2	16:24	150:20 152:3
210:14 231:1	212:10,14	barrel 116:8	beatty 3:9,18
239:14,15	213:4,14,21	barrels 104:9	25:3 76:14
240:3,8	217:8,11	104:18,19,24	beginning
b1 7:25 118:8	223:23 228:13	107:17 110:2,3	161:25
118:10 162:24	233:17 241:23	110:10 111:18	behalf 23:8,13
baccalaureate	background	111:19 112:25	24:6 25:2
215:8	82:25	116:9,14	35:15,20 38:21
bachelor 153:6	bad 114:15	117:18	39:9 42:10,15
bachelor's	balance 169:13	base 184:21	48:2,6,12
137:5,12 161:8	170:5 171:1,4	186:21 221:23	49:19 61:9
back 17:1	171:22 172:3	224:9	76:1,7,10,18
34:17 35:25	172:20 173:19	based 19:7	82:13 83:8
37:17 39:20	173:20,20	25:19 27:12	85:15,18 86:7
47:12,12 48:19	174:3,10,24	32:15 34:5	89:2,4 93:22
54:7,9 59:5	175:5,14,22	45:7 52:7	119:12 121:24
60:3 64:16	177:11 179:10	54:10 81:9,10	128:23 129:7

[behalf - bought]

133:8 143:4 144:23 147:2 149:13 157:14 208:24 230:2 235:22 237:11 belief 170:11 believe 15:24 27:3 28:7 32:4 36:15 39:10 48:17,19 49:6 54:19,23 59:23 61:15 62:5 84:7 90:21 92:25 104:3 119:17 122:3 128:4 133:12 135:17 142:14 155:12 158:16 162:20 164:2 164:17,25 165:20 166:22 168:19 169:16 169:18 170:18 171:4 172:3,12 174:12 176:20 179:20 180:8 180:17 181:19 183:7 187:14 187:22 191:3,5 192:2,5,20 200:21 201:12 208:10 211:2,5 214:5 217:5 220:4,12 225:3 225:17 242:16	243:18 ben 3:11 35:20 benches 176:13 bennett 3:6 23:7,8 24:20 24:22 25:12,14 25:17 26:8,13 26:25 27:2,9 29:6,10,12,21 30:8,12,15 31:3,6,14 32:3 32:6,9,14 33:6 33:14,17,19,22 35:3,5 42:9,10 42:18,21,24,25 43:12 44:11,23 45:3,10,18 46:16,21 47:5 47:10,14,20 48:1,2 50:4,6 50:11,15 51:6 51:22,25 52:5 52:11 54:2,3 55:18,19 56:15 57:5,8 58:18 58:23 61:8,9 62:1,2 64:11 64:19,22,24 65:14,21,24 66:16 67:12,18 67:22,25 68:3 68:6,10,12,17 68:21,23 69:3 69:6,13,20,24 70:18,21 71:17	71:21,24,25 72:15 73:10,13 73:17,25 74:1 74:4,7,11,15,18 75:5,7,19 76:9 76:10 80:3,4 82:12,13 83:7 83:8 84:6,7 85:4 bennett's 58:13 72:24 best 17:10 33:10 45:16 202:10 247:10 248:6 beth 5:21 better 27:4 164:3 180:13 188:21 194:10 beyond 105:3 166:9 175:21 bifurcate 29:18 29:23 30:19 bifurcated 30:2 bill 18:14 bills 18:9 bingo 83:18 bit 15:21 18:7 18:19 56:20 102:5 109:17 110:14,23 112:24 125:11 137:9 180:5 blake 5:5	blandford 4:23 147:13 blanford 10:18 147:19 blm 25:20 26:25 27:7,9 28:2,4,8,9 177:14 193:13 205:4,5 blm's 27:11 blocks 53:10,11 board 37:11,14 boc 167:3,10 bond 23:17,21 23:22,22 24:10 68:3 bone 39:24 44:16,19 49:2 57:14 122:20 123:8,10,23 133:24 145:10 147:6 149:21 151:17 156:25 226:18,20,23 226:24 227:1 228:6,11,17,18 229:5,12,12 230:12,13 232:15,16 bottom 108:22 108:23 109:2 165:4 167:11 167:15 197:6 bought 204:22 217:8,11
---	---	--	--

[boxes - capturing]

<p>boxes 228:20</p> <p>bradfute 3:16 3:16 12:21 75:25 76:1,4 76:25 77:2,5,8 77:15,23 78:1 78:3,12,14,16 78:19 79:21 81:14,15,18 210:3,5 212:12 212:17,22,25 213:2,5,9,12,15 237:10,11,14 237:18,21 238:3,4,6,9,9 238:13,17 239:24 240:1 240:10,13,23 244:2,4,6,10,14 244:23 245:2 245:19</p> <p>braxton 4:23 10:17 147:13</p> <p>break 105:9,13 206:22 213:22</p> <p>brett 2:14 247:2,18</p> <p>brief 14:21 96:18 97:9</p> <p>briefly 29:7 31:4 50:20 70:19 72:10</p> <p>bring 13:12,20 37:16 106:6 170:1,15</p>	<p>205:10</p> <p>bringing 16:1 182:22 206:20</p> <p>broke 107:19</p> <p>bruce 3:10 35:11,11 36:14 36:15,20 37:17 37:18,21,24 38:3,4,11,12 39:10 76:17,17 81:20,21,22 82:4 89:3,3,9 91:22,23,24 92:4</p> <p>building 53:9 53:11</p> <p>built 52:21</p> <p>business 22:24 153:20 161:22 215:19,20 244:21</p> <p>button 95:14 95:20</p> <p>buttons 95:15 159:20</p> <hr/> <p>c</p> <hr/> <p>c 3:1 4:1 5:1 7:9 8:4,11,16,24 9:10 10:20 11:4,22 12:10 12:20 13:1 15:13 21:4 92:13,24,25 95:7 98:12,14 113:17 120:21</p>	<p>120:23 121:4 124:6,7 130:9 130:12,16 134:22 135:1 142:15,16 147:25 148:2 148:15 150:11 150:15 154:17 158:20 159:24 160:1 231:6 239:18,19 240:4,8</p> <p>c1 11:6 130:15 150:17,21</p> <p>c102s 9:22</p> <p>c2 10:6 11:7 135:23 136:1 150:21</p> <p>c3 11:8 150:17 150:21</p> <p>c5 130:15</p> <p>calculate 192:1</p> <p>calculating 136:14</p> <p>calculation 200:11</p> <p>calculator 7:11 21:10</p> <p>calendar 47:2 78:5</p> <p>calibrate 194:9</p> <p>call 41:23 42:4 60:13 94:14 96:15 99:10,12 109:24 125:17</p>	<p>144:18 148:25 155:23 160:15 164:8 208:16 213:11 218:6 227:12</p> <p>called 1:6 96:9 121:20 136:19 140:24 152:22 155:9 160:7 183:23 188:7 212:23 214:16 225:8 226:6 227:8,9 233:17 234:16 241:5</p> <p>calling 13:23 38:16 47:23 61:5 85:11 121:13 208:21</p> <p>camera 135:21 139:9 140:4 234:3 240:22 240:23</p> <p>canyon 211:9 235:1</p> <p>capacity 101:14</p> <p>capture 155:6 156:24 169:21 170:2,21,21 176:16,18 177:9 180:21 193:21 203:19 203:23 204:5</p> <p>capturing 114:1</p>
--	--	--	--

[card - cases]

<p>card 180:11 care 183:19 career 137:23 carefully 194:7 carl 5:6 case 1:9 7:3,20 8:3,8,13,21 9:3 9:7,17 10:3,8 10:12,15,22 11:3,19 12:3,7 12:15 13:24 14:1,25 15:2 22:17 23:9 24:11 26:7,8 26:17 27:8,17 27:17,18,19,22 27:23,24 28:1 28:21 29:15,17 30:5,18,22 31:20,25 32:25 33:25 34:9,17 36:14 42:6 43:8,15 47:6 54:7 57:6,12 57:21 58:3 59:8 62:24 63:1,18,20,21 64:17 66:16,21 67:6,14,23 69:8,9,12,12 70:4 71:19,20 71:20 72:3 73:5,7,24,25 74:10 77:19 82:21 83:2</p>	<p>84:12 89:19,23 90:5,8,14 91:6 92:20 93:11 94:7 96:21 102:14 118:4 118:23 119:3,7 119:8,18,23 121:8,10,18 123:9,21 125:24 128:20 128:24 129:8 129:17 130:6 131:15,22 132:12,21 133:2,21 138:25 142:19 143:7,16,20 144:12,14,18 145:6,20,25 146:6 147:4,17 148:5,8,14,19 148:20 149:3,3 149:14,19 150:3,18 151:11,15,24 152:2 155:6,9 155:13,20,21 155:23,24 156:14,22,22 156:23 157:21 158:15 170:20 173:23,25 177:22 181:10 200:23 201:4 206:6 207:3,3</p>	<p>207:12,15 208:3,4,8,13,16 209:16,19,20 210:4,6,8,10 212:2,19,21,24 213:7,11,22 216:13,17 217:25 218:4 224:3,20 225:11 227:6 227:12,13 228:1 229:20 230:2,6,9,21 231:22 232:11 232:21 233:11 233:14,17,20 235:10,23 236:7,9,16 237:6,7 238:2 238:18 242:7 245:12,22 cases 23:9,15 23:17,20 24:8 24:10,13,21 25:13 26:14,17 26:18,20 27:10 27:17 28:19 29:18,23 30:1 30:16 31:1,8 31:17 33:20 34:20 35:9,23 36:19,25 37:16 38:16 39:21,22 39:23 40:13 41:2,22,23</p>	<p>43:5,17,18,24 44:2,19,24 45:4 47:22 48:24,25 49:2 49:11,14,21,24 50:1,9,16,24 51:5,6,9,14 52:8 55:4 56:7 56:9,23 57:19 57:23 58:13,14 58:17,20 59:1 59:5 60:21 61:4 62:12,16 66:4,15,17,25 67:13 68:1,3,4 69:7 70:8 71:2 71:14,18 72:5 72:7,25 74:14 74:20,24 75:18 76:12,19,20 77:1,13,15,18 78:18,19,25 79:2 80:6,6 82:8,9 85:12 86:11 87:8,12 87:21 88:3,14 88:22 120:12 121:14,17,20 121:25 122:4,6 122:18,24 123:1,7 124:4 124:14 126:5,7 126:8 127:10 127:15,17,24 128:8,12 129:1</p>
--	---	--	--

[cases - clarification]

<p>129:3,4 132:23 134:8 144:19 145:3,18 146:1 146:5,10,12,14 148:25 149:8 149:15,16 152:6 154:8,22 154:24,24 155:1,14 156:10,14,18 170:7 176:14 180:21 207:2,4 207:5,9 224:24 224:25 225:7 225:16 235:19 245:8 casing 167:14 167:15 220:24 220:25 221:7,7 224:6,6 categorizing 226:22 cause 54:20 cavin 3:12 39:1 cbl 113:18,19 113:20,24 ceases 197:17 cement 167:8 167:11,15 centers 161:17 ceo 3:20 94:5 certain 25:21 180:25 181:12 195:10</p>	<p>certainly 30:19 45:22 53:16 64:19 81:3 112:17 113:4 certificate 247:1 248:1 certified 7:12 7:15 16:16 21:16,22 22:2 231:4,16 certify 247:4 248:2 chakalian 2:9 challenge 196:8 196:20,22,23 challenges 108:13 chance 29:25 50:19 52:4 129:13 132:7 132:16 change 79:5 100:22 197:21 228:18 changed 92:17 228:10 changes 219:15 219:20 229:11 changing 102:4 characterize 161:23 charges 123:5 chart 7:25 118:7</p>	<p>chavez 5:6 check 65:7 90:25 125:14 checked 243:10 checklist 8:14 9:8 10:23 12:9 124:10 130:1 134:10 141:21 150:4 228:5,15 230:25 232:24 chevron 4:8,11 4:13,14 148:24 148:25 149:14 149:20 150:18 151:16 152:2 153:11,13,14 153:18 156:23 161:16 169:12 176:25 177:6 179:6 180:9 181:5,9 182:15 182:18 183:5 186:25 193:18 194:12 198:17 199:7,13 204:16 205:19 207:3 215:18 216:19 217:9 218:7 219:2 222:5,13,23,24 223:5 235:19 235:22 chevron's 150:11,23 194:1 213:22</p>	<p>215:2 224:11 chief 118:4 217:25 218:4 choctaw 83:18 choose 46:13 65:19 chose 179:23 chosen 180:1,6 christian 4:17 209:11 211:23 234:2,5,7,10,15 234:22 235:15 christy 3:3 14:3 chronology 9:21 134:19 cimarex 23:14 48:12,14 49:9 75:21 76:2 77:18 cimarex's 77:9 80:18 circle 59:5 circumstance 195:13 cite 101:9 civil 7:11 21:10 civitas 48:6,8 48:16,17,18,19 48:25 50:9 52:17,20 56:2 civitas's 56:5 claimed 17:8 clarification 65:2</p>
---	---	--	---

[clarify - complete]

<p>clarify 26:21 50:8 110:9 200:25 clarifying 114:25 clean 142:5 clear 34:16 104:20 107:18 156:5,8,9 192:9 196:24 198:15 228:24 233:10 clearer 185:6 clearly 159:22 188:11 clerk 3:13 4:19 4:20 client 28:2 36:22 59:17 65:23,25 89:10 132:13 221:4 clients 33:6 47:11 close 99:21 152:19 170:10 184:6 187:22 214:7 224:19 244:19,20 closed 155:6 156:24 169:21 170:2,20,21 176:16,18 177:9 180:20 193:20,21 203:19,22</p>	<p>204:5 closely 165:9 closer 180:12 co2 109:8 114:5 cog 3:14 24:6 cole 4:5 10:5 135:12 136:18 142:15 colgate 143:1,4 143:8,12 colleagues 80:13 collect 171:15 collin 4:17 209:11 211:22 234:15 column 164:22 167:2 220:24 221:6 242:8 columns 221:6 com 134:2 145:8,13,15 147:11 230:18 come 64:16 87:20,22,23,25 93:5 95:1 105:20 117:8 132:12 138:21 142:3 152:17 159:18 172:13 186:15 187:16 190:10,17 191:20 192:1 196:10,10,17 200:10 206:23</p>	<p>207:7 212:2,10 213:4,13 comes 98:21 comfortable 205:11 coming 18:8 67:5 77:19 132:17 142:3 170:14 204:1 212:13 214:1 224:23 comingling 183:5 commence 209:7 comment 139:18 198:4 comments 80:13 commission 13:6 96:23 97:23 98:3,4 committing 123:22 commonalities 122:13 communicate 130:17 132:13 communication 241:23 communicati... 25:20 242:1,6 242:22 communitiza... 123:3</p>	<p>companies 137:23 243:20 company 3:10 23:6 35:16 39:24 76:18 83:12 138:8 147:2 236:23 238:8 company's 94:8 compare 101:14 170:19 171:18 compared 100:23 116:18 comparing 101:22 180:10 195:19 compete 74:19 competes 27:18 competing 24:23 25:13 28:1,19 30:20 31:1 33:23 42:20 49:4 50:5,7,16 56:3 61:23 62:3,7 68:7,16 69:9 69:12 70:12 77:7,9 80:15 80:16 83:18 84:9,11 87:11 172:24 complete 101:10 118:15</p>
---	---	--	--

[complete - conocophillips]

<p>172:11 174:4 completed 123:14,25 149:24 230:17 completely 34:12 40:18 74:20 155:14 completion 89:13 104:10 107:3 complex 156:22 compliance 15:5,6,6 complied 16:3 comply 182:19 compressed 116:3 comprised 120:2 123:11 147:7 158:4 compulsory 8:14 9:8 10:23 12:9 49:4 123:5 124:9 127:20 129:25 141:21 150:4 154:25 155:5 156:14 207:4 228:4 230:25 231:5 237:17 238:19 computed 171:5</p>	<p>computer 64:2 concept 194:11 concern 32:22 70:3 175:25 concerned 60:12 86:24 concerns 59:19 171:23 179:17 204:15 245:14 concho 24:7 conclude 118:4 217:24 concluded 246:8 conclusion 171:8 172:6 192:25 conclusions 172:14 194:13 conclusive 104:23 concurrently 161:11 condition 103:19 conditions 104:25 116:11 conduct 13:20 89:15 103:24 114:4 180:25 181:5 182:16 conducted 100:19 104:1,8 203:14</p>	<p>conducting 13:4 confer 33:6 43:25 45:16 47:11,16 50:20 64:14 65:24 138:15 conference 13:25 26:1,5 28:19 30:24 31:16 34:21 36:21 37:6 44:1 45:5,5 46:13,25 48:25 50:24,25 51:2 52:7,9,25 53:1 55:2,14 56:10 56:19,25 57:6 57:12,24 58:14 62:9 66:21 67:10,15 69:10 70:15 71:3,18 72:1,4,6 73:1 74:6 84:13,21 84:23 85:2 87:12 88:1,4 88:15,24 91:8 conferences 13:18 40:15 41:4 58:15 73:23 conferring 46:17 68:6 confess 236:18</p>	<p>configuration 175:24 confining 184:12,18,22 185:7,13,21,24 186:7 221:24 224:9 confirm 47:6 47:10 104:17 168:2 169:1 212:18 213:6 216:8 219:8 226:25 237:2 242:13 243:21 243:23 confirmed 59:16 101:19 236:10 confirming 186:19 202:13 confirms 231:11 conflict 79:23 confusion 245:17 congratulations 238:12 conjunction 84:3 connecting 125:12,19 connection 165:22 conocophillips 4:4 129:8</p>
---	--	---	---

[consented - correct]

<p>consented 239:6</p> <p>conservation 1:3,6 3:3,23 13:6 14:1,4</p> <p>conservative 180:2</p> <p>consider 111:16 112:18 114:8</p> <p>consideration 27:7,10</p> <p>considered 110:3 226:23</p> <p>considering 1:8 83:25 113:4 220:14</p> <p>consistent 74:21 174:5,20 176:17</p> <p>consistently 182:24</p> <p>consisting 133:23 157:1</p> <p>consolidate 13:19</p> <p>consolidated 48:24 53:3 74:20 75:1</p> <p>consolidating 54:19</p> <p>consulting 3:16 238:10</p> <p>cont'd 4:1 5:1 8:1,3 9:1,3</p>	<p>10:1,3 11:1,3 12:1</p> <p>contact 243:18</p> <p>contacting 17:10</p> <p>contacts 9:21 241:11 243:21 244:25</p> <p>contain 239:8</p> <p>containing 129:24</p> <p>contains 240:2</p> <p>contents 97:12 128:7</p> <p>contested 30:5 31:7,8,11,17,22 31:24 32:2,15 32:19 44:3 45:9,12,13,25 46:2,14 47:17 52:10 53:3 55:9,15 62:10 64:15 67:16 68:24 69:23 70:24 77:22 78:7,8,13 80:20 84:16,17 84:19 86:20 87:15,18,19</p> <p>context 134:19 172:19,23 203:19</p> <p>continent 215:20</p>	<p>continuance 89:16 90:2,9 91:13 142:4</p> <p>continuances 58:11 77:17 91:10</p> <p>continue 14:18 37:3,5 38:4 48:15 56:7,9 60:1,14,15,22 67:16 79:4,11 79:24 90:14 91:18 97:9 106:2 112:25 113:1,8 190:19 190:21,24</p> <p>continued 53:1 67:14 90:5</p> <p>continuing 34:20 38:1</p> <p>continuous 108:21 197:18</p> <p>contrary 72:19</p> <p>conversation 52:1</p> <p>conversion 116:7</p> <p>converted 51:2 116:9</p> <p>coordinate 33:10 107:4 200:24</p> <p>copy 11:20 17:16 18:14 99:16 150:3</p>	<p>158:5</p> <p>core 4:12 158:18 159:18 159:25 183:20 183:22</p> <p>corporation 85:19</p> <p>corrall 4:19</p> <p>correct 24:14 24:17 25:14 46:9 53:8,14 54:15 55:6 58:9 60:7 77:23 81:15 85:22 90:1 91:11 92:5,12 98:16 115:21 115:22 117:3,4 120:17 153:3 153:25 162:21 163:7,13,15,25 164:20 165:7,8 165:14 167:5 169:12 176:9 177:1 178:16 178:17,23,24 179:10,25 181:2,11,16 182:13 184:18 184:20 185:9 185:10,10 187:1,14 189:24 193:18 194:14 197:3 197:12 200:1</p>
--	---	---	--

[correct - darin]

<p>200:19 201:13 205:20 212:14 217:6,14 221:10 226:19 227:2,3 228:19 232:17,25 235:3,4 241:18</p> <p>corrections 218:9</p> <p>correctly 44:6 165:19 166:4 177:5</p> <p>corresponding 104:14 105:6 107:22,23 203:18</p> <p>cost 123:2,5 150:20 152:3</p> <p>coterra 80:18</p> <p>could've 19:8 19:10</p> <p>counsel 3:22 4:4 25:18 50:20 77:20 94:9 247:11,14 248:7,10</p> <p>count 193:14 193:25</p> <p>counted 200:6 200:9</p> <p>counter 173:11 197:21</p> <p>counting 197:24</p>	<p>counts 175:12</p> <p>county 40:2 97:6 120:3 122:23 138:4 145:5 147:10 230:16 238:25</p> <p>couple 26:21 44:20 51:17 90:22 102:7 114:24 194:18 194:25 195:2 243:15</p> <p>course 26:22 28:25 33:8 40:25 50:23 58:22,24 61:1 65:13 70:17 101:23 218:12 223:11</p> <p>court 14:15 154:11 246:2</p> <p>cover 118:18 120:20 142:6 238:22 245:10</p> <p>covered 15:24</p> <p>create 39:24</p> <p>credentials 130:24 150:25 158:15 159:4</p> <p>creek 49:19,22 55:22,23,25 56:3,3,23 58:20 85:12,15 86:19</p>	<p>cross 115:1 117:12 182:5 200:17 226:15</p> <p>crucial 105:6</p> <p>cubic 97:2,3 103:21 108:9 116:7,8 117:2 117:3</p> <p>cumulation 111:13</p> <p>cumulative 111:11 172:22 174:16</p> <p>cumulatively 172:17</p> <p>cure 138:21</p> <p>cures 64:5</p> <p>current 51:21 103:11 109:22 115:12,13 138:2 166:11 172:6 194:13 215:23,24</p> <p>currently 15:11 33:15 50:16 77:16 86:21 97:6 110:9 115:11 183:4 194:12 239:4</p> <p>curriculum 20:9</p> <p>curry 5:20</p> <p>curve 195:10</p> <p>cv 7:4 158:14</p>	<p>cx 6:5</p> <p>cycle 175:9</p> <p>cycles 175:12</p> <hr/> <p>d</p> <hr/> <p>d 6:1 8:6,17,25 9:12 11:9,23 12:11 13:1 14:16,16 95:7 96:3,3 98:19 99:1 124:6 130:18,21 142:15 150:23 151:2 159:1 214:11,11 231:13</p> <p>d1 11:11 151:4 151:7</p> <p>d2 11:12</p> <p>d3 11:13</p> <p>d4 11:14 226:14 232:11</p> <p>d5 11:15 151:4 151:7</p> <p>dagger 149:25 151:21 171:13</p> <p>daily 96:24 110:5</p> <p>dallas 81:9</p> <p>dana 3:8 24:5 39:8 85:17 89:1 147:1 208:23</p> <p>darin 3:7 23:13 35:14 48:11</p>
--	---	--	---

[dash - dependent]

<p>dash 185:22 186:5,6</p> <p>data 101:6,9,11 101:13,21 102:4 104:3 107:1,19,25 109:7 110:1 115:9 171:7,11 171:12,16 178:14 179:1 185:4 192:25 193:7 194:2 229:11</p> <p>database 66:14</p> <p>date 2:7 31:18 32:7 33:10 37:7 43:23 44:3 45:13,17 47:17 60:2,16 60:17 62:15 65:9 66:1 67:11,16 77:16 78:8 79:1,6 84:20 87:2,15 241:17 242:9</p> <p>dated 19:3 92:10</p> <p>dates 31:10 32:1 33:7 45:24 46:11 84:16,18</p> <p>dave 4:15 206:8</p> <p>david 3:21 6:6 7:22,24 94:5</p>	<p>96:3,8 97:17 106:1 214:10 214:15</p> <p>day 33:4 43:21 54:7 55:4 65:12,19 81:24 97:2,3 103:22 108:10 110:3 110:10,19 111:18,19 116:7,8,14 117:2,3,18 126:14 136:10 138:21 170:8 170:24 171:20 173:4,10 174:4 174:17 178:22 178:25 179:8,9 179:13,21 180:1 181:20 196:10 236:8</p> <p>days 16:25 75:10 169:14 171:3 172:20 172:21 173:6,9 173:12,14,25 174:8,8,14,19 178:23,25 179:7,12,19,19 179:22,24 180:6 190:4 191:7 192:1,6 192:7,8,8 199:6 222:14</p>	<p>deadline 129:23 244:18</p> <p>deal 28:14 30:25 36:6 37:9 106:14 136:14 210:8 214:20 222:4</p> <p>deals 133:1 145:6</p> <p>dean 3:5 202:5</p> <p>deana 3:6 23:8 42:10 48:2 61:9 76:10 82:13 83:8</p> <p>decimal 176:18</p> <p>decision 84:2 181:25</p> <p>decisions 85:3</p> <p>decline 191:24 195:9</p> <p>declines 222:17 224:11</p> <p>decrease 197:2</p> <p>dedicate 120:4 147:10</p> <p>dedicated 145:8,12,15</p> <p>deep 112:7 192:18</p> <p>deeper 191:22</p> <p>defer 146:20</p> <p>define 161:23</p> <p>defining 186:21</p> <p>definitely 90:23 168:10 169:9</p>	<p>171:14 194:4 223:9 229:3,5</p> <p>definition 215:2</p> <p>deflect 113:1</p> <p>deflecting 112:19 113:9</p> <p>degree 137:6,6 137:12,14 153:7 161:8,10 215:9,11</p> <p>delaware 137:25</p> <p>delay 34:10 54:18</p> <p>delays 209:8</p> <p>delivered 243:12</p> <p>delivery 242:9 243:17</p> <p>delorean 134:2</p> <p>demonstrate 176:7 194:2</p> <p>demonstrated 112:16</p> <p>denbesten 4:22 12:19 239:13</p> <p>dense 116:3</p> <p>denver 81:11 81:12</p> <p>department 1:2 2:11</p> <p>dependent 87:4 116:10 174:25 175:6,15 189:5</p>
---	--	--	---

[depending - division]

<p>depending 52:24 94:10 181:14 depends 226:21 depicted 167:19,24 184:13,25 depicting 166:14 depth 167:15 185:25 186:10 221:1,8 224:7 depths 163:12 163:13 220:24 221:7 224:6 derived 172:6 204:19 described 123:13 157:2 174:13 229:4 description 7:2 8:2 9:2 10:2 11:2 12:2 designated 122:25 details 205:12 242:21 determine 56:10 199:9 development 29:24 44:23 73:2 74:25 86:14 100:21 101:5,19 131:1 151:6 153:19</p>	<p>153:20 161:18 161:22 231:11 238:21 deviate 176:22 devon 35:15 211:4 234:24 devonian 97:7 107:15 116:16 116:18 devote 180:12 diagram 107:8 107:9,11 difference 56:21 101:2 differences 45:7,8 122:12 different 31:2 46:4 149:7 167:14 174:13 176:25 178:22 182:21 189:9 204:14 206:10 211:2 245:17 difficult 191:10 difficulty 126:13 digital 247:8 248:3 diligence 17:10 diligent 174:15 direct 99:19 100:1,3 103:17 108:7 109:23 112:5 113:11 162:14 163:17</p>	<p>164:13 169:6 178:10 182:5 183:17 184:9 195:4 226:13 232:10 241:11 directed 103:16 103:17 165:7 direction 102:6 144:1 164:19 director 236:21 director's 223:12 discretion 223:12 228:22 discuss 29:25 67:13 109:16 115:4 206:23 206:24 discussed 25:25 26:4 44:7 72:1 72:6 discussion 84:3 189:22 195:2 220:2,5 discussions 34:11 50:17,18 83:23 89:10 242:4 dismiss 37:16 43:17 236:6 dismissal 34:6 236:7,17,19,23 dismissals 236:21,22</p>	<p>dismissed 26:15 33:24 34:2 51:20 236:10,16 disposal 96:25 116:19 disposing 97:7 dispute 33:11 diversely 222:23 divide 13:15 divided 13:17 division 1:3,7 3:3,23 13:4 14:1,4 17:2 33:2 37:14 46:15 47:12,16 51:5 53:15 56:11 68:8 74:23 92:21 93:1,6,20,25 94:2,11 97:21 107:2 116:17 118:6 120:16 121:23 122:6 124:6,24 127:8 130:2,11 134:12 135:16 143:8,9,10,17 147:16 150:25 151:25 154:3 158:11 159:4,6 160:17 162:4 177:12,15 180:23 181:5</p>
--	---	---	---

[division - earlier]

<p>182:12,20,22 187:1 192:10 214:22 216:3 218:25 222:4,9 222:17,20 223:3,11,12 224:11 234:6 236:10,24 237:23 239:23 division's 84:24 180:19 181:13 218:20,23 docket 1:8 13:3 13:3,5,10,24 22:25 28:17,17 28:22 31:8,25 32:15,18,24 33:15 34:1,4 34:23 35:8 37:20 38:15 40:18 41:2,6 46:7 47:7 56:9 56:24 58:15 59:11,23 60:1 60:22,23 62:9 62:14,15 63:5 64:12 66:25 68:1 69:2,9,17 71:5 73:1 75:3 75:4 77:16,19 78:9 79:4 82:11,24 84:24 85:1,12 87:21 88:3,14,23 89:17,23 90:6</p>	<p>91:4 93:17 119:9 121:19 128:18 142:5 143:1 144:18 155:2,19 207:1 233:23 235:20 237:8 docketing 7:15 16:20 19:16 21:22 dockets 13:9,15 13:17,20 80:17 91:10 document 236:13 documentation 176:7 documented 113:23 documents 11:6,7,8,11,12 11:13,14,15 19:5 40:5 91:9 92:9,10 168:6 186:18 doing 50:11 95:4 96:19 113:2 135:22 181:10 193:3 236:20,24 245:15,15 dokie 41:7 don 5:7 double 200:8</p>	<p>doublecheck 60:16 164:2 186:15 225:4 dozen 56:20 dr 158:10,24 159:23,25 178:12,15 187:24 188:2 194:23 195:1 196:24 198:15 199:4 202:3,6 202:7,22 206:15 draw 135:22 165:1 166:12 168:24 170:2 193:20 drill 133:24 drilled 116:12 drilling 86:24 89:13 107:3 209:7,9 due 17:10 54:4 112:20 177:12 209:8 duly 96:9 136:19 140:24 152:22 160:7 183:23 188:7 214:16 226:6 234:16 241:5 247:5 dune 28:5 duration 178:22 179:14</p>	<p>179:22 190:20 222:14 duty 18:23 19:1 19:11 dx 6:5</p> <hr/> <p style="text-align: center;">e</p> <hr/> <p>e 3:1,1 4:1,1 5:1 5:1 6:1 7:1 8:1 8:18 9:1,4,14 10:1 11:1,16 11:24 12:1,12 13:1,1 14:16 54:5 94:24 96:2,2,2,2,4 124:6 131:3,7 140:19,19 142:15,15 151:9,13 154:18,18 159:8,10,24,25 160:1,1 214:11 231:15,19 e.g.l 26:17 e.g.l. 23:1,5,9 23:20,21 24:22 25:18,19 27:13 33:20 34:7 39:9 61:13 62:3 63:11 68:3 69:7 70:4 72:2 e.g.l.'s 27:11,18 e.o.g. 4:9 earlier 19:9 62:13 74:22</p>
--	--	---	---

[earlier - equipped]

<p>101:17 165:16 170:1,4 176:24 177:4,14 183:23 207:6 early 37:7 53:4 70:25 84:19 87:17 177:7 easier 72:24 180:17 east 39:23 40:1 40:1,2 97:6 113:15 120:3 122:23 123:12 123:12 133:24 145:5 147:10 230:15 238:24 238:25 easy 172:2 175:25 edd 237:20,23 eddy 120:3 122:23 145:5 147:10 238:25 edits 18:4 education 126:23 127:3 137:4 153:5 161:6 215:6 effect 112:19 113:9 efficiency 84:12 108:13 efforts 130:17 eight 33:1 70:7 229:25</p>	<p>either 33:2,12 37:1,3 45:6 46:22 47:17 52:9,15,25 56:13 69:5 129:17 154:22 202:11 eli 4:22 12:19 239:13 elson 4:12 158:18 159:25 183:22 email 16:16 19:16 22:3 51:25 emailing 21:23 emnrd 3:5,13 5:8,9 employed 247:11,14 248:8,11 employee 247:13 248:10 employment 126:24 empted 13:5 encountering 101:25 endangered 28:5 ends 53:1 energy 1:2 2:10 3:11 25:3 35:15 39:2 41:25 42:11</p>	<p>43:13,16 45:11 48:13 75:21 76:2,11 80:5 119:10,12 121:14 122:24 234:24 engage 156:24 engineer 4:14 4:15 11:21 155:11,11 158:11 161:3 161:24 162:5 169:6,10 170:17 187:14 200:16 214:25 215:1,18,25 216:3 engineer's 169:5 engineering 4:11 158:17,17 159:5 160:20 160:21,25 161:1,3,9,11,13 161:15 162:1 176:12 214:23 215:9,12 enhanced 161:20 ensure 19:11 114:5 enter 24:25 192:20 entered 49:24 50:8 76:11</p>	<p>80:5 90:4 118:19 138:23 143:12 157:21 242:16 entering 76:18 129:7 157:8 210:3 entertain 70:14 entire 74:19 205:1 245:10 entirely 155:21 183:4 entirety 216:23 entity 204:22 217:8,11,12 entries 14:2 23:2 35:9 38:17 42:8 47:25 48:15 61:6 75:23 76:23 83:5 85:13 88:25 93:17 119:10 121:14,21 128:20 129:5 133:6 143:2 144:20 149:11 208:21 237:9 entry 50:12 89:5,18 114:2 157:7 eog 157:14 equipped 112:11</p>
--	---	---	---

[equivalent - examiner]

<p>equivalent 109:11 123:12 149:23 230:14 erica 4:18 12:17 239:9 241:4 es 247:4 escape 197:7 especially 198:7 essentially 161:17,20 170:4 172:13 174:3,18 176:2 177:14 181:19 181:21 182:21 203:15 estimate 186:14 estimated 176:15 eurs 170:20 evaluate 84:14 84:15 87:10 evaluated 178:21 evaluating 86:13 108:19 evd 7:2 8:2 9:2 10:2 11:2 12:2 event 84:21 171:20 172:16 172:18,25 173:5,12,15,23 174:2,4,7</p>	<p>175:10 181:1,3 181:6,14 182:13 183:1 190:23 195:12 197:17,17 199:15 224:11 events 169:13 169:20 172:2 172:10,14,24 173:17 175:25 180:11,16 198:7,11,19 199:6 222:13 everybody 79:21 241:23 243:22 everyone's 13:12,21 evidence 15:4 19:24 20:5 22:11,13 45:1 92:21 95:5 98:25 99:2 106:10 107:19 118:12,17 121:1,3,5 125:21,25 126:2 128:11 128:14 131:22 131:25 133:4 138:19,23 139:1,4 144:6 144:8 145:25 146:8 148:13 148:16 154:10</p>	<p>155:24 157:15 210:13,16 232:3 240:9 exact 100:9 186:16 exactly 51:17 105:18 168:4 206:10 examination 89:15 100:1 115:1 117:12 117:16 178:10 195:4 examined 96:11 136:21 141:1 152:24 160:9 183:25 188:9 214:18 226:8 234:18 241:7 examiner 2:9 13:2 14:5,7,11 14:14,17,24 15:20 16:4,8 16:12,17 17:5 17:15,21 18:1 18:6,13,16,20 19:14,19,23 20:1,3,6,20 21:13 22:6,15 22:16,20 23:4 23:8,11,13,15 23:19,23 24:2 24:5,8,12,15,18 24:20,25 25:1</p>	<p>25:4,8,11,15 26:6,12,16,22 27:5,14 28:24 29:2,6,8,11,19 30:6,13 31:3,5 31:13,19 32:5 32:8,13,21 33:8,13,18,19 33:21 34:13,18 34:22,25 35:2 35:6,11,13,14 35:17,20,22 36:1,8,12,16,20 37:10,13,19,22 37:25 38:5,6 38:10,13,20,23 39:1,4,8,11,14 39:16 40:4,9 40:11,12,14,17 40:22,25 41:5 41:8,12,18,20 42:2,10,12,14 42:16,19,22 43:2,6,10,12 44:5,8,14,18 45:2,15,19,23 46:6,10,20 47:4,8,13,15,21 48:2,4,7,10,14 48:21 49:3,8 49:13,16,20 50:2,10,14 51:4,8,12,19,22 52:3,6,14 53:5 53:9,17,23</p>
---	---	--	---

[examiner - examiner]

54:2,3,12,17	80:11,14,19,22	118:16,22	147:3 148:10
55:1,7,12,18,20	80:25 81:6,12	119:1,2,6,13,15	148:19,20,23
55:22 56:6,22	81:16,19,22	119:18,19,22	149:2,5,9,12,17
57:3,9,17,22	82:2,5,13,15,17	120:8,13,18	149:19 152:1,5
58:1,7,10,18,22	82:19,22 83:1	121:7,9,12,22	152:8,12,16,25
58:24 59:2,3,6	83:8,9,11,13,16	122:1,3,8,11,16	153:4,12,15,22
59:8,12,14,18	83:19 84:6,25	122:17 123:7	154:1,14,19,21
59:24 60:4,8	85:5,9,16,20,23	124:5,17,20,23	154:23 155:3,8
60:19,25 61:1	86:1,4,8,16,18	125:1,3,5,6,13	155:15,18,22
61:9,10,12,14	87:1,6,7,16,25	125:16 126:6,9	156:1,3,6,11,17
61:16,19,21,25	88:7,11,13,19	126:15,18,21	156:21 157:6
62:19,21 63:1	88:21 89:3,7	127:2,15,17,23	157:12,14,18
63:6,8,10,14,19	89:21 90:7,11	128:1,6,17,22	157:23,24
63:25 64:4,7	90:18,23 91:3	129:1,4,7,9,12	158:1 159:7,12
64:10,21,23,25	91:5,12,15,19	129:16,19,22	159:14,17
65:4,9,11,15,22	91:21,25 92:3	129:23 131:14	160:2,16,22
66:3,7,11,19,23	92:7,19 93:4	131:17,20	161:2,5 162:3
67:1,3,8,17,20	93:10,13,20,23	132:2,4,8,11,16	162:10,11,16
67:23 68:2,5,9	94:10,16,20,22	132:18,19,22	162:23 163:2,3
68:11,15,18,22	94:25 95:6,8	133:10,13,16	163:8,9 164:6
69:1,4,11,18,21	95:12,19 96:5	133:19 135:19	164:10,11,15
69:25 70:6,17	96:12,21 97:11	136:4,7,9,13,22	168:4,8,11,14
70:18,20,22	97:22,25 98:6	136:25 137:3,8	168:18,20,23
71:6,11,13,16	98:10,17 99:4	137:16 138:1,5	177:20,21,23
71:24,25 72:14	99:7,13,15,18	138:9,11,17	177:25 178:5,6
73:6,9,14,22	99:24 100:5,17	139:6,8,11,15	182:3,4,7,8
74:2,5,8,12,16	102:10,16,22	140:1,3,7,12,15	183:9,10,12,13
75:2,6,11,16,20	103:2 104:5	140:20 141:2,5	183:16,20
75:25 76:3,6,8	105:12,17,19	141:19,23	184:2,8 187:5
76:10,14,16,17	105:25 106:9	142:2,10,17,23	187:6,9,15,20
76:22 77:4,6	106:13,18,19	143:6,24 144:2	187:21,25
77:12,21,24	106:23 107:7	144:11,13,17	188:3,10,15,24
78:2,4,10,15,17	114:17,18,22	144:25 145:20	189:11,17
78:21 79:8,12	117:10,11,22	146:2,11,13,16	194:17,20,24
79:15 80:1,4,8	117:23 118:3,5	146:19,22	199:19,20,22

[examiner - exhibit]

199:24 200:20 201:1,8,14,15 201:25 202:15 202:20,22,25 203:5,8 205:24 206:1,4,7,19,21 207:12,16,21 207:24 208:1,6 208:7,12,15,20 208:25 209:3 209:17,22,24 210:1,5,7,19,22 210:25 211:13 211:16,18,22 212:1,6,9,15,20 212:23 213:1,3 213:8,10,13,16 213:20,24 214:6,12,19,24 215:5,14,22 216:1,7,10 217:18,21 218:1,2,12 223:15,20 224:13,16,22 225:9,12,14,19 225:23,25 226:9,12 227:5 227:11,16,20 227:24 228:3 229:17,18,23 229:24 230:1,4 230:7,9,21 231:24 232:6,8 232:20,22	233:2,9,10,13 233:24 234:4,8 234:12,19,21 235:7,9,12,18 235:21,25 236:2,12,20 237:5,10,12,15 237:16,19 238:1,5,7,12,14 238:18 239:21 239:25 240:5 240:11,13,15 240:19,21 241:1,8 243:2 243:3,7,25 244:5,7,13,16 245:1,3,6,21 examiners 13:19 examining 46:3 89:12 200:17 example 108:12 171:17 173:3,22 174:7 189:16 190:3 197:21 excellent 13:23 42:19 146:19 225:19 exception 218:5 219:6 exceptions 218:19 219:1 excess 112:25 116:23	exchanging 86:12 excuse 24:24 157:24 205:6 excused 117:25 183:14 187:10 203:1 217:22 227:21 execute 170:5 171:10 191:10 execution 191:15 exemptions 218:16 219:1,3 exhibit 7:4,5,6 7:7,9,10,11,12 7:14,14,17,17 7:21,23,25,25 8:4,6,9,10,11 8:14,15,16,17 8:18,19,22,23 8:24,25 9:4,5,8 9:9,10,12,14,15 9:18,20,21,22 9:23,24 10:4,6 10:9,10,13,16 10:19,20,23,24 11:4,6,7,8,9,11 11:12,13,14,15 11:16,17,20,21 11:22,23,24,24 11:25,25 12:4 12:5,8,9,10,11 12:12,13,16,18 12:20 17:18,19	17:22,23,25 18:3,4 19:7 20:8,10,12,14 20:17,17,18,19 20:23 21:2,5,8 21:11,16,19,21 21:24 22:2,3 22:12,12 94:2 97:13,14,17,18 98:12,14,19 99:20 100:4,6 102:8,24 103:3 103:4,18 106:10 118:8 118:10,14,14 118:17,18,19 118:24 119:4 120:7,20,23,23 120:23 121:4,4 121:4 124:7,7 124:9,11,13,15 125:23 128:2,3 129:24,25 130:3,5,7,9,12 130:15,18,21 131:3,7,9,11 134:9,10,13,16 134:17,20,22 134:23 135:4,6 135:8,9,11,13 135:23 136:1 139:2,3,3 142:6 143:15 143:22,22,25 144:7,7 145:17
---	---	--	--

[exhibit - eyeballing]

145:19 147:14 147:17,21,22 147:25 148:2 148:14,14,15 150:3,5,7,9,11 150:15,21,21 150:21,23 151:2,9,13,13 158:3,4,7,9,12 158:20 159:1,8 159:10,10 162:17,19,20 163:1,18 164:18 166:10 184:10 209:13 210:14,14 219:13,16,21 220:17 223:10 224:18,19 226:14 229:11 230:23 231:1,6 231:8,13,19,19 232:11,24 238:15 239:10 239:11,14,15 239:18,19 240:2,8,8,8 241:12 242:20 244:24 245:9 245:10,13,16 245:17 exhibits 10:13 16:22 18:12 19:24 20:4,7 20:18 21:14	22:10 32:11 39:20 40:13 41:15 46:18,25 91:7 92:8 93:7 93:9 94:12 95:5,7 96:16 96:21 97:16 98:23,24 99:1 99:16 120:11 120:19,21 121:1,2 124:5 124:5 125:20 125:25 126:1 127:10,11,17 127:21 128:8 128:10,13 129:14,17,24 129:25 130:16 131:14,18,21 131:24 133:3 134:3,4,6,8,15 138:19,22,25 143:19 144:4,5 145:24 146:4,6 147:20,25 148:8,12 150:2 150:17 151:4,7 151:9,24 152:1 152:6 154:5,7 154:9 155:23 156:20 157:17 158:4,6,18 159:9,14 209:15,18 210:9,12 214:1	218:10 219:11 225:16,17 230:22 231:5 231:15,21 232:1,2 233:25 238:3 239:8 240:3,7 existing 43:17 89:11 97:4 108:10 203:21 expanded 193:23 expanding 25:24 expansion 100:23 103:8 112:13 expect 31:10 45:6 105:2 116:13 expected 176:5 181:21 expecting 90:4 160:19 experience 127:5 137:17 215:15 expert 3:21 94:6 97:24 98:4,7 124:25 126:12,25 127:4,8 136:23 138:13 143:18 150:13 153:2 158:16,23	159:4 160:17 162:4 187:19 209:13 214:21 214:22 216:2 225:21 234:6 expertise 108:16 120:16 137:18 215:7 experts 97:21 145:22 147:15 239:23 expiration 86:21 87:2 explain 107:9 180:5 explanation 221:2 expressed 74:22 extend 102:1 extended 170:18,23 180:14 extending 101:24 extension 86:22 207:15 209:6 228:10 extent 103:8,9 228:6,17,21 extra 79:18 eyeballing 107:24
--	--	---	---

[f - fifty]

f	<p>fairly 180:2</p> <p>faith 242:17</p> <p>familiar 178:18 180:19 206:11 206:17 216:12 216:15 219:25 220:1,5 221:25</p> <p>family 134:1</p> <p>fane 3:15 85:15</p> <p>far 15:2 50:18 84:18 111:25 191:18 242:6 243:10</p> <p>fashion 101:21 208:11</p> <p>fasken 82:18</p> <p>fast 183:19 208:11</p> <p>fault 111:16</p> <p>fe 2:13 23:4 38:20 42:14 61:12 76:6 82:17 83:11 93:21 128:24 149:13 230:3 235:23 238:3</p> <p>february 13:7 26:21,23 31:21 32:25 70:5</p> <p>fed 123:15 124:1 134:2 145:8,13,15 230:18</p> <p>federal 120:5 123:3 149:25</p>	<p>151:22 204:25 205:6 209:9 217:3 239:2</p> <p>fee 79:18</p> <p>feel 168:16 169:23</p> <p>feeling 67:13</p> <p>feelings 67:19</p> <p>feels 36:6</p> <p>feet 97:2,3 103:21 108:9 116:7,8 117:2 117:3 167:3 185:8</p> <p>feetage 184:25 186:9</p> <p>feldewert 3:4 23:3,4 25:25 26:18,20 27:3 27:6,15,16 29:1,4 30:10 30:18 33:4,5,9 33:22 34:15,16 34:19,23 35:1 35:4 38:19,20 39:17,19 40:7 40:10,23,24 41:3,7,14 42:1 42:13,14 43:3 43:4,8,24 44:5 44:6,10,16,20 45:22 46:17 47:1,5,12 59:2 59:4,7,10,13,16 59:19,25 60:7</p>	<p>60:10 61:11,12 61:15,18,20,23 62:7,19,20,23 63:3,7,9,12 65:5,6,25 66:4 66:6,18,20,24 67:2,7 70:1,2,7 71:1,4,9,12,15 71:22 72:23 73:8,12,21 74:22 75:14 76:5,6 77:25 78:23,24 79:10 79:17 82:16,17 82:20,23 83:10 83:11,15,17,22 85:5,7</p> <p>feldewert's 24:21 60:20 71:18 72:8,11 72:19</p> <p>fellow 161:15</p> <p>fewer 179:23 199:6</p> <p>field 120:15 127:4 136:22 137:21,22 160:18 171:13 187:19 214:22 225:23 234:6,9</p> <p>fields 147:16 161:6 162:5 239:23</p> <p>fifty 188:20</p>
<p>f 8:19 9:5,15 11:17,25 12:13 14:16 124:6,7 125:25 126:1 127:17,21,24 128:8,13 129:25 131:9 131:11,15,21 131:24 137:14 150:3 151:9,13 151:24 152:6 154:9 158:4 159:8,10,14 230:22 231:15 231:19,21 232:2</p> <p>facilities 4:15 158:16 160:20 160:20,25 161:2 214:23 214:25 215:1,4 215:18,25 216:2</p> <p>fact 44:12 97:24 98:7,9 103:10 164:2 171:10 175:19 176:17 243:23</p> <p>factor 116:7</p> <p>factual 72:13</p> <p>fair 166:20 172:4 174:2 198:6,9,11</p>			

[figure - follows]

<p>figure 102:13 166:1 figures 102:8,9 102:21 file 24:3 25:21 25:22 29:14 30:7,9,10 42:23 43:22 46:18 50:12 52:25 54:6 56:14 68:7,12 69:15,16 70:4 72:3 75:8 79:4 79:10 87:10 88:6 89:5 90:3 90:8,22 91:8 118:14,18 119:4 129:23 134:3 142:4,6 236:23,25 filed 9:9 15:3 15:13 16:20,21 18:2 26:7,8,9 26:10,14,16,19 26:20 27:12 28:16 30:23 33:23 35:25 39:20 42:25 48:25 51:5,6 51:10,14,16 62:16,20,22,23 64:12 66:5 69:12,14 71:8 75:3 77:17 78:25 79:5</p>	<p>80:17 84:4,14 84:15 86:11,11 89:18 90:1,21 92:9,15 93:2 94:1 95:9 107:2 120:19 124:6,14 129:24 130:6 134:4,6 139:2 144:1 150:2,8 151:25 158:2,5 236:4,7,17 239:7 files 27:13 filing 56:16 62:7 84:1,10 filings 26:2,3 54:8 filled 135:3 final 7:10 21:7 36:21 45:5 52:8 55:2,13 finally 158:24 231:8 financial 7:8 15:12 21:1 financially 247:15 248:11 find 19:5 51:23 65:12,19 75:12 91:17 93:6 144:19 202:21 212:10 243:12 fine 36:21 51:4 58:19 72:24</p>	<p>79:18 80:2 81:7 89:16 91:24 118:25 126:15 132:22 167:1 206:20 finish 206:25 227:17 finished 190:22 200:9 201:9 218:5 firm 3:6 238:11 first 13:22,24 39:25 60:1 66:20 77:13 79:22 84:22 89:20 93:16 94:18 96:9 98:22 99:10 123:7,9 136:19 140:24 142:14 152:22 154:22 154:23 155:14 156:10 160:7 169:25 170:14 173:20,20,23 174:4 178:3 188:7 190:11 191:19 193:22 196:17 197:23 197:25 210:8 213:2 214:16 214:20 225:8 226:6,20,24 227:1,17 228:15 229:12</p>	<p>232:16 234:16 241:5 245:7 five 91:9 105:14,17,20 153:18 192:6 fix 55:10 flat 49:19,22 55:22,23,25 56:2,3,23 58:20 85:12,15 86:19 flexible 61:2 fluid 107:18 116:4 focus 161:19,24 focused 137:23 137:24 follow 169:9 181:9 190:19 190:20,21 191:19,23 194:8 196:4,11 196:21 199:21 199:23 following 104:10,10 107:2 175:9 180:25 181:6 186:6 195:12 203:16 follows 96:11 136:21 141:1 152:24 160:9 183:25 188:9 214:18 226:8</p>
--	--	--	---

[follows - gas]

<p>234:18 241:7 footprint 102:5 102:20 footprints 101:22 force 215:12 forcing 173:23 forecasts 101:20 foregoing 247:3,4 248:4 form 135:1,1 171:16 238:20 formal 20:2 formally 27:20 format 237:2 formation 43:14 97:8 104:21 105:1 107:19 115:21 119:25 122:20 123:9,23 127:16 147:6 149:21 151:17 156:25 191:19 192:11 196:3 196:10,14 197:6,7,20,25 200:10,10 228:7,14,16 230:12,13 238:22 forms 135:2,3 forth 222:24 241:24</p>	<p>forthcoming 137:9 forward 17:13 27:24 28:22 29:3,4 31:20 36:25 44:19 54:18 55:4,8 55:13 56:1,4 56:17 57:15 64:18,20 82:6 216:3 242:7 found 76:20 243:16 four 40:13 41:2 76:19 87:9 89:16 92:10 121:20 126:7 127:12 128:12 133:24 220:6 foy 4:16 9:13 130:19 132:3,4 132:8 146:18 225:5 226:2,5 226:13 227:22 229:13 231:9 232:7,10 233:4 fracture 104:13 104:15 193:3 fractured 104:21,25 107:20 fractures 192:13,20 fracturing 193:5</p>	<p>francis 2:12 franklin 41:24 42:10 43:13,16 45:11 76:10 80:5 frequencies 180:25 frequency 194:8 frequently 31:22 freshwater 107:18 115:24 freya 3:13 45:23 66:8 78:4 79:12 friction 108:13 109:5 frictional 109:3 109:10 front 13:5 32:24 62:6 100:23 112:13 122:14 238:15 241:14 fsp 110:1,16 111:25 full 110:21 115:25 116:2 161:16 fully 55:25 fundamental 196:7 further 22:14 34:14 35:5</p>	<p>38:7,8,11 41:9 41:10 47:9 52:19 55:16 58:16,25 66:15 82:7 85:6 88:17 93:11 117:9 141:19 157:7 182:2 183:9,11 194:18 199:18 205:25 217:17 229:16 233:8 235:8 247:13 248:9 future 44:4 69:23 126:12</p>
			g
			<p>g 13:1 96:2 154:18 188:2 gary 125:4 126:23 gas 24:7 96:25 97:7 109:7 113:2,9 115:24 137:20 153:9 155:6 156:24 161:8,19 169:4 169:7,21 170:2 170:7,9,13,14 170:21,21,22 170:25 171:21 173:5,10,14 174:16 175:20 175:23 176:3 176:16,18</p>

[gas - going]

<p>177:9 179:2,7 179:16 180:13 180:20 181:23 182:1,24 188:20 189:22 189:25 190:3,4 191:16,18,19 192:1,11,11,15 192:16,18,21 193:3,15,21,21 193:25 194:7,9 195:7,11 196:3 196:6,13,14,15 196:17,19 197:3,7,8,24,25 198:3,7,18,19 199:1,5,9,14 200:2,8,10,23 202:14 203:17 203:19,21,23 203:23,24,25 204:4,4,5,5,7 204:18,18,21 204:23 205:2,8 215:4 216:16 216:20,23 217:7,9,10,11 217:13,14 224:10 gather 194:2 gebremichael 3:23 6:7 94:13 99:8,11,14,19 99:23 100:2,8 100:13,18</p>	<p>102:25 103:6 104:11 106:1,3 106:12,17,21 106:24 107:6 107:21 114:16 114:21 115:4 116:24 117:12 117:14,17,21 118:23,25 general 3:22 94:8 101:4 202:8 242:5 geologic 130:25 geological 229:11 geologist 4:5,12 4:16,22,24,25 9:13 10:5,17 11:10 12:11 124:24 125:2 130:20 135:12 137:20,21 138:3 139:22 147:13 150:24 155:12 164:3,8 165:17 168:15 183:18 231:9 239:13,22 geology 120:9 127:1,3,4,8 137:6,7,12,14 145:21,22 147:25 158:24 225:24 226:1</p>	<p>geomechanics 193:6 geoscience 136:24,25 137:1 138:13 geoscientist 126:23 getting 19:2 66:1 101:3,7 127:5 164:13 242:14 give 15:21 18:6 43:9 52:15 55:9 63:21 91:22 92:21 97:9 102:10 104:13 186:13 209:18 223:9 244:17 given 25:22 33:7 47:6 54:7 72:21 84:17 171:9 172:16 175:9,9 182:25 gives 64:16 giving 40:18 172:4 glitch 90:21 go 13:22 17:1 18:7,18 31:22 44:19 45:20 55:4,25 56:4 56:12 58:4 60:3 64:17,20 67:24,25 72:18</p>	<p>76:24 77:13 82:8,10 86:19 88:23 99:8 100:14,14 105:20 106:22 110:14,23 128:17 138:14 142:25 148:23 163:9 164:10 164:15 166:25 168:1,4 169:9 171:25 174:2 185:17 186:20 199:8 200:11 208:16,17 210:23 212:11 218:13 220:16 233:17 240:17 goes 137:17 191:12 192:12 192:13 215:6 215:15 goetze 5:8 going 13:15 14:18,22 16:14 17:13 18:18 21:15 28:8,9 28:11,12 29:22 32:20 33:2 36:23 37:15,16 41:23 42:4 51:24 55:3,8 55:13 56:17 59:20 60:14,22 70:12,14,24,25</p>
---	---	---	---

[going - guidance]

71:17 72:9 73:20 74:3 77:6 78:7 79:23 81:2,2 82:3 84:2,8 87:10 88:15 93:15 96:17 99:10,19 104:18 105:19 106:15 108:6 109:13 114:13 118:22 119:8 126:3 132:25 146:24 160:14 170:14 175:20 180:17 186:18 187:16 189:21 191:3 201:18 203:2 210:6 213:3,23 221:4 222:3 223:13 225:4 236:22 242:19 good 14:5,6 23:3,7,11,12 33:13 35:13,19 36:17 38:6,19 38:25 42:3,9 42:13,23 43:7 43:9 47:19 48:1,5,11 49:18 52:4 61:8,10,11 74:12 76:3,4,5 76:9,13 78:15	78:22 80:1,8 80:10,22 81:13 81:19 82:12,16 82:19 83:7,10 85:23,25 93:19 119:13,14 121:22 122:17 125:4 126:10 128:7 129:6,16 129:20 133:10 133:13 140:4,8 140:16 141:3 142:11,24 149:9 152:25 157:11,13 173:22 176:11 178:1 203:9 209:4 216:2 218:3 225:5 227:20 233:14 233:24 235:9 235:13,21 237:16 240:15 240:21 242:17 243:8 245:1 gor 171:2,4,22 171:25 172:20 173:24 174:1 175:22 181:10 181:24 191:23 191:24,25 195:9,16,20,23 195:23 196:1,1 196:2,4,4,12,18 196:20,25	197:4,11,15,20 197:20,20,22 197:23,24,25 198:2,5 199:8 222:11,18,21 222:25 223:5 government 204:25 205:7 217:3 gox 3:21 94:6 gradient 104:13,15 graduated 215:10 graduating 215:13 graham 3:9 24:24 25:2,2,6 25:10 grand 116:21 grant 15:18 222:4 granted 177:16 218:16 granting 219:1 granular 101:3 101:21 102:4 graph 102:17 great 74:8 99:18 179:18 180:15 222:4 238:17 greater 172:21 197:3	green 3:20 7:22 94:5,17,18 95:1,16,17,18 95:18,21,23 96:1,1 97:13 97:22 98:7 gregory 2:9 5:17 griego 5:9 group 3:11 122:9 growth 103:8 guerra 5:22 guess 33:11 34:24 75:12 84:22 87:18 91:22 109:25 163:17 165:25 166:3 167:7 169:22 183:2 185:6,15 188:17,21 189:2,16 191:1 192:22 201:7 201:10 204:10 206:20 220:14 221:15 222:8 222:22 223:1 226:21 guidance 84:24 165:7,13 174:14 180:20 180:23 181:13 181:18 182:19 218:21,24
---	--	---	--

[gulf - hearing]

<p>gulf 215:19 guy's 200:13 guys 67:11</p>	<p>234:13 241:2 handle 31:11 handled 200:23 202:16 handling 245:8 hands 96:6 160:4 happen 56:13 70:24,25 happened 91:17 happening 36:2 85:2 happens 173:2 happy 27:2 71:14 94:11 97:8 118:6 127:14 165:23 200:24 202:11 206:12,19 223:7 hard 37:7 101:16 186:12 hardy 3:8 24:5 24:6,10,14,17 24:19 39:8,9 39:13,15 41:9 41:11,13,16 85:17,17,22,25 86:4,6,10 87:6 87:7 88:6,9,12 88:18,20 89:1 89:1,9,16,25 90:1,10,19,20 90:25 91:11,14</p>	<p>91:16,20 92:2 92:5,12,23 93:8,11,12 147:1,1,4 148:22 207:9 207:11,14 208:14,23,23 209:2,5,20,23 209:25 210:19 210:24 211:1,5 211:11,20,24 212:3,4,7 233:18,20,22 234:2 235:14 235:17 harper 5:12 hart 3:4,19 23:5 38:21 42:15 61:13 76:7 82:18 83:12 93:21 128:25 149:13 230:3 235:24 harvard 85:19 85:21 hatley 4:4 129:6,7,11,15 129:18 131:19 he'll 106:6 head 43:15 113:24 181:17 216:25 heading 228:14 hear 125:9,19 184:15 189:8</p>	<p>214:6 heard 30:5 57:19 86:25 117:13 157:8 hearing 1:5 2:6 2:9 13:2,23,25 14:5,7,11,14,17 14:24 15:3,20 16:4,8,9,11,12 16:17,22 17:1 17:1,5,14,15,21 18:1,6,13,16,20 19:4,14,19,23 20:1,3,6,20 21:13 22:6,9 22:15,16,20 23:11,12,15,19 23:23 24:2,8 24:12,15,18,20 24:24 25:1,4,8 25:11,15 26:6 26:12,16,22 27:5,14 28:24 29:2,6,8,8,11 29:19 30:5,6 30:13,25 31:5 31:7,9,13,18,19 31:24 32:5,7,8 32:13,21 33:8 33:13,18,21 34:13,18,22,25 35:2,6,13,17,22 36:1,8,12,16 37:10,13,15,19 37:22,25 38:6</p>
---	---	---	--

[hearing - hearing]

38:10,13,23	63:1,6,8,10,14	87:1,6,15,16,18	128:10,17
39:4,11,14,16	63:19,25 64:4	87:19,25 88:7	129:1,4,9,12,16
40:4,9,11,14,17	64:7,10,15,21	88:11,13,21	129:19 131:17
40:22,25 41:5	64:23,25 65:4	89:7,21,24	131:20 132:2,4
41:8,12,18,20	65:9,11,15,22	90:7,11,18,23	132:8,11,18,19
42:2,12,16,19	66:3,7,11,19,23	91:3,4,6,12,15	132:22 133:10
42:22 43:2,6	67:1,3,8,16,17	91:19,21,25	133:13,16,19
43:10,23 44:3	67:20,23 68:2	92:1,3,7,15,19	135:19 136:4,7
44:5,8,14,18,25	68:5,9,11,15,18	93:3,4,5,10,13	136:9,13,22,25
45:2,9,12,13,15	68:19,22,24	93:16 94:2,3	137:3,8,16
45:16,17,19,21	69:1,4,11,18,21	94:16,20,22,25	138:1,5,9,11,17
45:23,25 46:2	69:23,25 70:6	95:8,10,12,19	138:25 139:6,8
46:6,10,14,20	70:9,17,20,22	96:5,12 97:11	139:11,14,17
47:4,8,13,15,17	70:23,24 71:6	97:25 98:6,10	140:1,3,7,12,15
47:21 48:4,7	71:11,13,16,24	98:17,24 99:7	140:20 141:2,7
48:10,14,21	71:25 72:14	99:13,15,18	141:17,19,23
49:3,8,13,16,20	73:6,9,14,22	100:5,17	142:2,10,17,23
50:2,10,14	74:2,5,8,12,16	102:10,16,22	143:6,24
51:3,4,8,12,19	75:2,6,11,16,20	103:2 104:5	144:11,13,17
51:22 52:3,6	76:3,8,16,22	105:12,17,19	144:25 145:19
52:10,14 53:2	77:4,6,12,21,22	105:25 106:9	146:2,11,13,16
53:3,5,9,17,23	77:24 78:2,4,7	106:13,19,23	146:19,22
54:2,12,17	78:8,10,13,15	107:7 114:18	147:3 148:10
55:1,7,9,12,15	78:17,21 79:1	114:22 117:11	148:19,20,23
55:18,20 56:6	79:6,8,12,15	117:23 118:3	149:5,9,17
56:11,14,22,24	80:1,8,14,19,20	118:16,20,22	152:8,12,16,25
57:1,3,9,17,22	80:22,25 81:6	119:2,6,13,15	153:4,12,15,22
58:1,7,10,12,18	81:8,12,16,19	119:19,22	154:1,14,19,21
58:22,24 59:1	82:2,5,8,15,19	120:8,13,18	154:23 155:3,8
59:3,6,8,12,14	82:22 83:1,9	121:2,7,9,12	155:15,18,22
59:15,18,24	83:13,16,19	122:1,8,16	156:3,6,11,17
60:4,8,19,23,24	84:6,16,17,20	124:17,20,23	157:6,12,18,24
61:1,10,14,16	84:25 85:5,9	125:3,6,13,16	158:2,3 159:7
61:19,21,25	85:16,20,23	126:6,9,18,21	159:17 160:2
62:10,19,21	86:1,4,8,16,20	127:2 128:1,6	160:16,22

[hearing - hopefully]

161:2,5 162:3 162:9,11,16,23 163:3,8,9 164:6,9,11,15 168:4,8,11,14 168:18,20,23 177:20,21,23 177:25 178:6 182:4,7,8 183:10,13,16 183:20 184:2,7 187:6,9,15,21 187:25 188:3 188:10,14,24 189:11,17 194:17,20,24 199:20,22,24 201:1,8,14,15 201:25 202:15 202:20,25 203:5,8 205:24 206:1,7,19,21 207:12,16,21 207:24 208:1,5 208:7,12,15,20 208:25 209:3 209:14,17,22 209:24 210:1,7 210:12,18,22 210:25 211:13 211:16,18,22 212:1,6,9,15,20 212:23 213:1,3 213:8,10,13,16 213:20,22	214:6,12,19,24 215:5,14,22 216:1,6,10 217:18,21 218:2,12 223:15,20 224:13,16,22 225:9,14,19,23 225:25 226:9 226:11 227:5 227:11,16,20 227:24 228:2 229:16,18,22 229:24 230:4,7 231:24 232:5,8 232:19,22 233:2,10,13,24 234:4,8,12,19 234:20 235:7,9 235:12,18,25 236:5,12,20 237:5,10,12,14 237:16,19 238:1,2,5,7,12 238:14,18 239:21,25 240:5,11,15,19 240:21 241:1,8 243:1,3,7,25 244:5,7,13,16 245:1,3,6,21 hearings 13:18 31:11,22 32:2 32:16,19 81:25	heck 81:25 held 153:16 hello 240:25 241:1 help 182:24 201:4 helpful 80:11 195:2 223:2,6 hendrickson 4:5 10:5 135:12,15,20 136:14,15,18 139:7,8,16,23 142:12,15 hereto 247:15 248:11 heretofore 138:12 hesitancy 222:4 high 100:19 176:12 192:16 higher 101:15 109:5 196:5,18 highest 105:4 hinkle 3:8,25 4:3 24:6 85:17 89:1 119:12 143:4 144:23 147:1 historical 179:15 history 7:9 21:4 109:19 126:24 179:1	hmm 16:17 34:18 40:10 68:5 155:17 226:16 hog 239:2 hold 59:12 188:25 189:11 189:11 194:24 207:1 215:8,11 holding 13:9 114:6 holdings 122:18 hole 108:22,23 109:2,3 197:6 holland 3:4,19 23:5 38:21 42:15 61:13 76:7 82:18 83:12 93:21 128:25 149:13 230:3 235:23 holliday 3:11 3:11 35:19,20 35:22,24 36:4 37:4,10,11 38:2,7,8 honors 161:7 hope 39:19 40:16 hopeful 45:13 62:13,15 hopefully 13:8 40:21 46:22 92:2 106:6
--	--	---	---

[hoping - incremental]

<p>hoping 28:15 169:20</p> <p>horizontal 120:1 123:11 131:2 151:5 230:11 231:12</p> <p>hour 207:7,20 207:21 208:19</p> <p>hours 181:20 181:22</p> <p>houston 65:10 65:13</p> <p>huh 32:5</p> <p>hundred 175:11 222:1</p> <p>hunter 76:1</p> <p>hydraulic 193:2,5</p> <p>hydrocarbon 161:19</p>	<p>120:24 124:8 124:12,16</p> <p>127:22 130:4,8 130:13,22 131:8,12 134:14,18,21 134:24 135:7 135:10,14 136:2 143:23 146:7 147:18 147:23 148:3 150:6,10,16,22 151:3,8,14 158:8,13,21 159:2,11 210:15 230:24 231:2,7,14,20 239:12,16,20</p> <p>identified 98:5 117:4 143:13 151:20 184:19 184:22 185:8 185:22 228:17 228:24</p> <p>identifies 231:9</p> <p>identify 185:21 228:25</p> <p>identifying 105:1 231:17</p> <p>ii 89:4</p> <p>imaging 54:5 91:8 92:8</p> <p>immediate 16:23</p>	<p>immediately 108:24 237:1</p> <p>imminent 36:6</p> <p>impact 112:17 115:20 192:6,8</p> <p>impacts 76:20</p> <p>impairment 115:20</p> <p>implement 176:1 180:18 182:23</p> <p>implementati... 171:24 180:20</p> <p>implementing 177:1,6 193:18</p> <p>important 72:12 113:5</p> <p>impractical 191:14</p> <p>impression 29:22 30:1</p> <p>improve 101:20</p> <p>inactive 7:7 20:25</p> <p>inclined 31:20</p> <p>include 15:10 18:12 126:8 158:14 222:7 223:25 224:5</p> <p>included 15:9 15:25 18:3 111:15 113:21 134:25 147:21 150:2 158:18</p>	<p>200:13 220:9 220:17,20,25 224:1 239:9,14 239:17 242:1,6</p> <p>includes 94:3 110:17 221:6 222:25 242:21</p> <p>including 134:16 241:16</p> <p>inclusion 123:16 124:2 151:22 230:19</p> <p>inclusive 220:12</p> <p>inconclusive 104:22</p> <p>inconvenience 13:8</p> <p>incorporate 101:12 109:19</p> <p>incorporated 122:25</p> <p>incorporates 101:6</p> <p>incorporating 101:20</p> <p>increase 96:24 112:14 114:3 116:6 197:4,8</p> <p>increases 197:15</p> <p>increasing 103:12</p> <p>incremental 196:6</p>
i			
<p>idea 190:9 194:10</p> <p>ideal 32:17 168:13 222:22 223:9</p> <p>identical 216:23 232:23 233:1</p> <p>identification 17:20 20:11,15 20:24 21:3,6,9 21:12,20,25 97:15,19 98:15 98:20 118:11</p>			

[indefinite - interrelated]

<p>indefinite 86:21 87:4</p> <p>independence 97:1 102:17 107:12</p> <p>indication 19:6 43:9 104:20,25</p> <p>individual 17:9 17:11 183:6 236:14</p> <p>indulge 59:4 66:17</p> <p>industry 137:20 153:10</p> <p>info 243:18</p> <p>information 10:19 15:21 17:12 21:17 25:23 27:11 72:13 73:15 92:14,24 118:24 127:19 130:1 147:20 165:10 186:22 199:12 200:14 202:19 233:5 233:16</p> <p>informed 28:2 83:23</p> <p>infrastructure 203:21</p> <p>ingram 3:12</p> <p>initial 117:5</p> <p>inject 109:7 110:5 111:10</p>	<p>115:24 173:7 173:17 189:19</p> <p>189:22 190:2 191:11,21 192:7 200:7</p> <p>injectant 189:5 192:4,19,21</p> <p>injectants 175:1,7</p> <p>injected 111:22 112:1 171:1,21 172:16,22 173:24 174:8 174:16,21 175:16,23 181:23 182:1 190:10,25 191:18 195:11 199:2 200:3,7 200:24 202:14 204:2,4</p> <p>injecting 111:17 117:1 170:7,9 175:19 181:20 198:19 203:23 204:8</p> <p>injection 92:13 96:24 104:14 104:23 105:2 105:10 106:7 107:11,15,18 108:11,13,21 109:1,5,22 110:2 113:13 115:5,10,16,18</p>	<p>115:19 116:6 116:15,18 117:8 156:24 161:19 169:13 170:24 171:20 172:10 173:5 173:10,12,15 175:10,25 178:22 179:14 180:14 181:1,3 181:4,6,14 183:1 190:16 191:16 192:11 192:15 193:4 193:21,23 194:7 195:12 196:1,6,12,15 196:19 197:16 197:17,22,23 198:3,7,11 199:6,14 222:13</p> <p>injections 112:9</p> <p>input 110:1 125:15</p> <p>inspection 114:5 115:8</p> <p>installed 108:24</p> <p>instances 116:23</p> <p>institute 215:12</p> <p>insurance 7:8 21:1</p>	<p>intended 90:22</p> <p>intends 55:25 68:7,12</p> <p>intent 194:1 201:6,12</p> <p>intention 30:15</p> <p>interconnecti... 100:21</p> <p>interest 23:24 27:22 29:13 30:3 63:13 83:24 84:4 119:25 122:20 123:2,5,10,22 134:5,8,16 141:14 145:4 147:5 150:19 150:20 151:16 204:17 205:1,8 216:20,22 217:3 235:5 239:6</p> <p>interested 23:16 24:9 180:9 247:15 248:12</p> <p>interests 9:20 143:9,12,13 152:4</p> <p>intermediates 167:21</p> <p>internet 63:23</p> <p>interrelated 44:22</p>
---	--	--	---

[interrupt - know]

<p>interrupt 154:12</p> <p>interruption 157:25 173:6</p> <p>interruptions 170:7,8 179:16</p> <p>interval 123:14 123:25 149:24 226:18 230:17</p> <p>intervals 231:10</p> <p>introducing 170:13</p> <p>introduction 102:3</p> <p>invert 173:17</p> <p>investigation 17:11</p> <p>involve 39:23 44:21 114:2 123:8 127:15</p> <p>involved 28:1 66:18 75:15,17 92:20 122:21 206:11 216:16 237:22</p> <p>involves 14:25 27:19,20 149:6 238:19</p> <p>irrespective 30:2 174:20 175:18</p> <p>issuance 209:9</p> <p>issue 86:21 133:1 138:22</p>	<p>164:4 223:13</p> <p>issued 16:5</p> <p>82:21 143:10</p> <p>issues 56:5</p> <p>59:21 72:17 92:16</p> <p>it'd 44:25 84:23 155:19</p> <p>it'll 33:12 43:9 67:3 91:25 95:15 106:7</p> <p>item 35:7 228:15</p>	<p>joa 134:6 241:17</p> <p>job 2:15</p> <p>john 5:12</p> <p>johnson 5:7</p> <p>join 67:9 69:22 132:14</p> <p>joined 22:25 35:8 38:16 67:1,4 74:13 74:16,17 75:21 119:9,10 128:19 144:20 161:16</p> <p>joining 94:7</p> <p>jones 5:5</p> <p>jordan 4:9 157:14</p> <p>judge 32:24</p> <p>july 16:15 51:11,15</p> <p>jump 156:2</p> <p>jumping 166:24</p> <p>june 16:7 26:11 26:12</p> <p>justin 4:24 10:16 147:13</p>	<p>keep 27:25 44:24 57:6,23 72:25 138:20 166:24 172:2 172:15,21 244:8</p> <p>keeping 57:11 114:12</p> <p>keri 4:4 129:7</p> <p>kessler 4:9 157:8,10,11,13 157:14,19</p> <p>kevin 4:6 9:19 134:11 140:18 140:23</p> <p>key 171:23</p> <p>kind 17:1 100:25 101:4 102:4 107:24 108:16,17 122:13 191:11 193:7 219:14</p> <p>know 32:10,22 33:11 36:20 42:17,18 46:3 46:13 48:18 50:18 52:14 53:18,24 54:22 55:3 60:11 61:21 64:8,23 65:22 67:4 69:19 70:10 71:19 73:16 76:19 79:21 81:4,24 88:8</p>
	<p style="text-align: center;">j</p> <p>j 214:11</p> <p>jack 5:10</p> <p>jackie 3:25 4:3 119:11 143:3 144:22</p> <p>jal 112:7 113:14</p> <p>james 3:18 76:14</p> <p>janacek 5:11</p> <p>jarrett 4:15 206:9,12,14 214:5,10,10,15 216:12 217:23</p> <p>jason 4:25 11:9 150:24</p> <p>jennifer 3:16 12:21 76:1 237:11</p> <p>jim 3:10 35:11 76:17 89:3</p>	<p style="text-align: center;">k</p> <p>k 140:19 142:16</p> <p>kaitlyn 5:13</p> <p>karns 7:4 20:9 20:16</p>	

[know - line]

<p>101:1,2,10,14 102:23 105:4 108:16 113:25 114:10 126:16 132:6 157:23 166:16 170:12 171:12 172:23 173:9,25 174:12,18,19 176:21 182:19 184:25 188:18 192:9 193:2,6 195:20 196:9,9 205:9,14,15 211:3 216:24 219:13 220:15 221:20 223:23 230:5 236:1 237:13 245:15 knowledge 19:13 157:22 247:10 248:6 known 243:21 knows 79:21</p>	<p>165:18 166:17 219:24 220:17 lacks 15:11 laid 18:4 lake 149:25 151:21 171:13 lamkin 5:4 land 14:22 120:9 130:16 143:18 145:20 145:22 147:19 150:14 153:7 153:17,19 200:4,5 205:6 234:10,12 landman 4:6,7 4:8,17,18,21,23 9:11,19 10:18 11:5 12:4,10 12:17 124:23 125:1 130:10 134:11,15 139:19,22 140:5 142:21 143:17 147:13 150:12 152:9 153:1,10 154:3 209:10 210:20 211:14,15,17 211:19 231:3 239:9,22 240:20 landowner 200:5</p>	<p>lands 74:24 langhoff 5:16 languishing 34:3 laptop 63:23,25 larger 101:23 lastly 222:3 lasts 181:15 late 89:6,17 108:20 laufer 4:21 9:11 130:10 law 3:6,11,13 4:19,20 238:11 lay 14:22 77:9 layer 184:22 185:7,13,24 186:7,21 224:9 layers 184:13 184:18 185:21 221:24 ldzx 5:21 lea 40:2 97:6 138:4 230:15 lease 86:20 87:2 leases 86:22 134:16 204:18 leave 41:1 65:15 97:9 191:17 244:17 leery 37:2,6 left 164:22 207:7,10 235:19</p>	<p>legal 3:16 238:10 legally 54:13 leonard 5:14 letter 9:23,24 118:18 120:20 135:5,8 142:6 148:5 236:14 241:17 245:10 level 176:12 leverage 203:20 liabilities 114:14 licensed 101:12 life 170:19 176:15 lift 203:21,24 204:4,23 217:9 217:11,13 light 44:11 47:2 likely 74:9 limbo 93:2 limit 229:3 limitation 54:11 115:13 228:20 limitations 54:5 109:22 limited 32:10 46:5 108:17 229:5 limits 115:20 line 42:4 75:21 128:18 133:5</p>
<p>I</p>			
<p>I 3:16 14:16,16 140:19,19 142:15 154:18 154:18,18 159:24,25 188:2 labeled 17:17 167:3 labels 163:24 164:23 165:12</p>			

[line - lunch]

142:25 144:18 146:24 148:23 176:11 186:6,7 192:10 197:11 197:18 199:21 205:11 206:5 206:13,15 211:21,25 225:9,12 liner 167:19,24 liners 167:18 167:23 221:1,8 224:7 lines 42:5 47:23 61:5 185:22 links 125:7 liquid 105:2 115:25 116:2 list 3:2 4:2 5:2 168:5 218:8 219:10 223:18 223:25 229:25 233:23 241:23 242:5 243:23 245:9 listed 63:2 229:11 244:25 listen 157:15 listing 28:4 79:1,2 little 15:21 18:7 18:19 46:24 56:20 82:23 87:17 102:4 109:17 110:14	110:23 112:24 115:6 125:11 137:9 160:23 160:24 180:5 185:6 192:23 lizard 28:5 lizzy 4:21 9:11 130:10 225:5 llc 3:14 48:3,6 76:15 82:14 89:4,5 93:22 122:18 238:20 239:4,5 lloyd 5:3 llp 3:4,8,15,19 3:25 4:3 lobo 25:7 68:4 located 77:11 97:5 215:3 locating 107:4 location 2:10 28:3,10 101:10 123:18,20 locked 174:1 loco 25:7 68:4 log 184:14,18 185:2,21,22 186:1 221:23 224:8 logged 228:13 logger 137:22 login 64:3 long 26:10 33:25 37:4 113:8 171:20	174:14 179:16 181:14 192:7 206:19 207:18 244:7 longer 54:11 111:20 180:11 191:21 198:7 211:7,9 222:14 235:2 look 18:11 26:9 43:5,8 63:20 70:8 82:6 90:10,16 91:8 91:17 96:16 101:3 104:16 109:1 126:21 128:19 170:18 179:13 188:18 188:19,21 209:18 221:4 238:1 looked 62:24 90:7 91:5 179:12,15 looking 47:1 60:12 65:2 84:20 90:12 91:4 102:23 104:16 120:19 126:22 128:1,7 162:19 166:5,6 166:7 170:5,8 172:1 184:14 221:2,11,20,25 242:23 243:8	looks 39:17 41:24 42:5 50:4 61:4,5 107:16 136:10 148:24 185:1 196:20,21 207:2 loop 155:6 156:24 169:21 170:2,20,21 176:16,18 177:9 180:20 193:21 203:19 204:5 loos 203:23 lopez 5:13 loss 109:3,10 lot 26:15 41:23 44:13 87:19 louder 160:23 louisiana 153:8 low 175:19 178:9 lowe 5:14 lower 101:15 116:16 226:22 228:10,18 229:5 230:13 lp 243:13 lunch 206:23 207:7,19 208:16,18 212:2,10,11 213:4,5,14,22
--	---	---	---

[m - mcclure]

m	234:12	135:13 136:1	matched 179:1
m 3:6	manager	143:22 146:7	matching
ma'am 241:15	190:11	147:17,22	109:19
madai 4:19	manner 18:21	148:2 150:5,9	material 189:9
made 16:21	202:13	150:15,22	190:5,6,7
18:4 80:13	maop 109:22	151:2,7,13	193:9,14,25
200:22	map 92:18	158:7,12,20	195:17
magnum 76:1	165:12,18	159:1,10	materials 32:11
mail 7:12,15	166:2,5,9,13,16	210:14 230:23	158:6
12:12 16:16	220:18,18,20	231:1,6,13,19	matt 5:15
21:16,22 22:2	223:25	239:11,15,19	matter 1:5
231:16	maps 130:25	mason 4:7	84:12 149:7
maintain	164:24 219:24	143:16	156:16 175:23
109:21 196:2	220:17	mass 169:13	181:10 190:8
majority	marathon 48:2	170:5 171:1,4	229:4
179:18,23	49:24 50:21	171:22 172:3	matters 59:22
180:15	51:23 52:1,11	172:20 173:19	79:3 143:18
make 13:10	55:23 58:19	173:20 174:3	150:14
20:2 72:23	82:10,13	174:10,24	matthew 5:16
84:2 85:3	marathon's	175:5,14,22	maximum
89:20 94:14	49:1	177:11 179:9	96:24 108:10
96:18 109:4	march 220:3	180:16 181:11	110:1,5,17,21
185:6 186:19	marked 17:19	181:24 189:4	115:5,10,16,17
195:25 197:11	20:10,14,23	189:23 191:2	179:21 181:22
197:16 198:14	21:2,5,8,11,19	194:2 195:7	192:17
220:19 221:4	21:24 36:21	198:12 199:7	maxwell 4:7
221:16 243:2	97:14,18 98:14	203:24 222:5,7	143:16 144:10
makes 44:12,24	98:19 118:10	222:10 223:4	mcclean 121:10
47:3,7 67:20	120:24 124:8	223:14 224:12	mcclure 3:5
71:23 87:19	124:11,15	master's 137:6	40:11,14,20
making 40:23	127:21 130:3,7	137:14 161:10	60:4,11,20,24
111:25 219:23	130:12,21	215:11	120:8 121:3,6
220:15	131:7,11	matador 165:2	121:7 126:3,4
management	134:13,17,20	165:3 220:2	126:6 127:11
153:8 234:11	134:23 135:6,9		132:1,2,19

[mcclure - method]

139:5,6,13,14 139:21,25 140:5,6 141:4 141:5,10,18,24 144:9,11 145:20 146:9 146:11 148:17 148:18 154:20 154:21,25 155:5,10,19 159:16 162:8,9 162:13,18,20 163:5,7,11,16 163:22 164:5,6 164:9,12,16,21 165:1,6,11,16 165:25 166:12 166:16,19,23 167:6,10,13,18 167:22 168:3 168:10,12,18 168:22 169:3 169:11,16,22 171:3,7 172:5 172:9 173:1,16 174:6,23 175:4 175:11 176:6 176:24 177:4 177:10,18,23 178:13 182:4,6 182:9,15 183:2 183:8,16,18 184:4,7,12,17 184:21,24 185:5,10,14,17	186:3,9,17,24 187:3,11,13 188:13,14 189:2,13,15,19 191:1 192:2,19 192:24 193:16 194:1,12,16,23 195:6 199:20 199:22,25 200:12,17,20 201:1,2,10,20 202:15,17 203:10,12 204:9,16,21,25 205:5,13,18,23 206:8,14,17,24 208:2,3,5,9 210:17,18,23 211:1,8,15 212:9,11,13,16 212:18 216:5 216:11,15,19 216:22 217:2,7 217:13,16 218:4,8,14,23 219:6,7,13,22 220:1,7,14,22 221:10,13,14 221:19,22 222:2,8,20 223:2,8,16,17 223:21 225:12 226:10,11,17 226:25 227:4 227:10,14,25	228:2,9,19,23 229:2,9,15 232:4,5,9,14,18 232:25 233:6 233:11,16 234:20 235:1,6 235:11 240:17 240:17,19 241:9,10,15,20 241:25 242:12 242:19,25 244:3,22 245:23 246:4 mcclure's 59:22 157:4 206:5 225:7 245:14 mccoy 234:19 mclean 3:25 4:3 119:11,11 119:14,17,21 119:23 120:17 121:11 143:3,3 143:7,25 144:14,16,22 144:22 145:2 146:13,15 216:6 mdt 105:23 mean 29:2,21 30:19 46:16 53:20 60:10 68:15 83:20 87:18 92:3 180:8 201:2,16	219:18,19 223:1,3,3 232:15,23 meaning 95:16 191:16 193:11 means 43:16 191:2 meant 156:9 measured 163:12 185:25 186:10 mechanical 215:9 mechanisms 180:14 mechanistic 170:12 mechanistica... 176:22 medium 116:17 meet 136:10 memory 65:7 mention 177:5 219:9 mentioned 33:14 107:14 115:5 117:18 191:6 193:13 method 169:7 171:4,4,22 173:19,24 175:6,14 176:1 181:24 182:16 182:23
--	--	---	--

[methodologies - monitoring]

<p>methodologies 180:10</p> <p>methodology 169:13,17 171:19 172:1 174:1,3,20 175:18 177:17 224:10</p> <p>methods 171:2</p> <p>mewbourne 3:10 35:9,12 35:23 37:1 76:18 81:22 83:12,25 84:8 84:10 146:25 147:2,5</p> <p>mexico 1:1 2:10 145:6 153:20 193:20 205:7 215:19 217:4 238:25</p> <p>mic 99:21 125:15</p> <p>michael 3:4,14 23:4 38:20 42:14 48:5 61:12 76:6 82:17 83:11</p> <p>michelle 248:2 248:15</p> <p>microphone 95:2,13 126:14 135:21 152:18 156:7 159:19 178:6 184:5</p>	<p>187:22 188:12 214:4,7</p> <p>microscopic 192:13,20</p> <p>mid 37:7 215:20</p> <p>middle 116:16</p> <p>midland 215:21</p> <p>midstream 3:20,22 88:25 89:2 93:17,22 96:22 179:17</p> <p>migrating 113:2</p> <p>migration 102:6</p> <p>mike 5:17,18</p> <p>mile 112:9 166:6,7,9,9,10 166:15 220:4,9 220:10,13 221:13 224:2,5 224:8</p> <p>miles 101:24 102:2 113:15</p> <p>million 3:23 97:2,2 103:21 108:9 110:12 110:19 116:6,9 117:1,2 174:17 190:3,13,17,22 190:22,23</p> <p>millions 116:8</p>	<p>mind 228:9</p> <p>mine 42:25</p> <p>mineral 149:21 204:6 206:10 230:11</p> <p>minerals 1:2 2:10</p> <p>mingling 206:11</p> <p>minor 18:4</p> <p>minus 198:1</p> <p>minute 18:6 96:17 104:10 104:18,19,24 107:17</p> <p>minutes 105:13 105:20</p> <p>misheard 201:21</p> <p>missed 13:10 183:3,4 219:8</p> <p>missing 163:23 163:25 165:21 166:2,17 168:15 219:24</p> <p>mississippi 215:10</p> <p>missouri 247:20</p> <p>mistaken 201:6</p> <p>misunderstood 201:21</p> <p>mixed 109:7 192:11</p>	<p>mm 16:17 34:18 40:10 68:5 155:17 226:16</p> <p>model 101:13 111:25 172:7,9</p> <p>modeled 176:21</p> <p>modeling 109:18 112:16 170:18 176:14 178:15,15,18 178:21 179:1,5 179:6</p> <p>models 101:23</p> <p>modest 116:20</p> <p>modifying 83:25</p> <p>modrall 3:6</p> <p>moleculance 192:10</p> <p>molecules 195:11,21</p> <p>moment 16:6 25:19 43:24 63:24 70:20 199:14 233:18</p> <p>monday 43:21 244:18</p> <p>monitor 39:3 80:6 82:3 194:7</p> <p>monitoring 23:25 24:16 25:5,6 36:11</p>
--	---	---	---

[monitoring - negotiations]

<p>39:12,13,14 48:22 49:10 80:15 108:18 108:21 129:10 129:11,12 month 13:4,11 31:12 81:8 91:22 170:25 monthly 86:23 87:5 months 33:1 51:17 70:8 174:9 morgan 3:12 38:25 39:1,1,5 39:7 41:10,13 41:18,19 morning 14:5,6 23:3,7,11,12 35:13,17,18,19 36:5 38:19,25 42:9,13 48:1,5 48:11 49:18 61:8,10,11 76:3,4,5,9,13 79:24 80:10 82:12,15,16 83:7,10 85:24 85:25 93:19,23 119:13,14 121:23 122:18 129:6 133:10 157:11,13 206:22</p>	<p>motion 78:25 79:4,5,11 90:2 90:3,8,9,13 91:16 236:17 236:19,25 motions 79:2 88:6 mountain 41:25 42:11 43:13,16 45:11 76:11 80:5 move 17:13 22:21 27:24 28:10,22 29:2 29:4 31:20 36:25 40:15,17 57:15 59:22 60:9 61:4 77:18 78:25 79:3,7 88:3,13 119:8 127:23 131:14 132:25 142:25 152:5 159:13 173:24 179:20 224:23 229:20 moved 28:4 moves 113:3 moving 26:15 34:7 66:21 83:4 91:13 144:17 242:7 mrc 23:6 27:21 33:22 34:2 38:21 41:25</p>	<p>42:15 43:4 59:5 76:7,12 77:3,4,10 80:6 mrc's 34:5 mud 137:21 multiple 32:19 32:23 113:23 137:23 172:1,2 172:14</p> <hr/> <p style="text-align: center;">n</p> <hr/> <p>n 3:1 4:1 5:1 6:1 13:1 96:2,2 140:19 142:15 142:16 154:17 154:18 160:1 188:2 nacogdoches 137:15 name 14:12 140:9,13,16,18 142:12,14,15 152:14 154:13 154:15 188:1 203:6 214:8,10 243:5 names 95:25 159:21 228:16 nandina 230:18 native 191:19 192:3 196:3 204:7 natural 1:2 2:11 161:8 nature 192:15 192:16</p>	<p>near 36:23 44:3 45:14 170:10 190:10 196:14 226:18 necessarily 34:9 necessary 55:15 114:4 127:19 130:2 141:16 need 25:20,21 26:3,21 28:12 29:18 43:16 45:8 46:18 47:16 52:23 60:3 74:20 79:3 87:10 98:11 104:16 105:4,13 107:4 140:4 143:14 172:15 174:4 209:13 211:14 212:12 228:13 245:9 needed 79:25 118:19 needs 67:14 86:24 118:23 negotiating 86:13 87:8 negotiations 34:11 49:7 51:24 52:2 88:16 242:4,17</p>
--	--	---	--

[neither - object]

<p>neither 19:2 247:11 248:7</p> <p>nevertheless 198:5 236:8</p> <p>new 1:1 2:10 26:2,3 27:12 28:13 43:18,22 44:2 45:7 54:7 54:24 72:3 73:2,18 84:24 87:8 100:19,20 135:1,3 145:5 153:20 193:20 205:7 217:4 238:11,25</p> <p>newly 223:10</p> <p>nicely 50:19</p> <p>nicholas 4:8 7:4 11:5 20:9 150:12 152:21 154:17</p> <p>night 52:1 77:17 89:6,17</p> <p>nine 104:19 173:18 174:9</p> <p>nm 2:13</p> <p>non 123:1,18 123:20 133:22 134:1 150:20 152:3 155:5</p> <p>normal 190:18 191:24 219:4</p> <p>normally 130:15</p>	<p>north 27:19 28:1 31:1 72:19,25 120:2 145:4,11,11,14 147:7,7,8</p> <p>northwest 147:8 149:23</p> <p>nos 1:9 8:13,21 9:3 10:12,22 11:3</p> <p>notary 247:19</p> <p>note 134:25 220:19 221:16 224:3 242:8</p> <p>notes 57:18 58:2 73:19 164:10,13 225:15</p> <p>notice 7:12,16 9:14,24 10:20 11:16,17,24,25 12:5,12,13 13:11,14 16:1 16:20 18:2 19:8,15 20:12 21:16,22 22:4 22:5 54:25 79:9 92:18 98:21 99:3 103:8 131:4,5 135:8 138:22 147:25 148:5 151:9,10 159:9 209:14 231:15 231:16 236:19</p>	<p>noticed 52:19</p> <p>notices 15:15 17:3</p> <p>notified 211:3 211:4</p> <p>notify 209:13</p> <p>nov 7:5,12 16:15 19:15 21:17</p> <p>november 13:16 45:16,24 46:2,14,18 47:2,11,17 59:23 60:2,9 60:15,17,22 84:22,23,24</p> <p>nsl 123:19</p> <p>nsp 139:17 141:7</p> <p>number 14:1 22:25 27:25,25 35:7 38:15 42:4 54:7 63:21 64:17 69:22 72:3 73:25 82:11 83:4 85:11 88:23 93:17 97:1,1 102:17 103:3 106:8 107:12 108:7 108:20 112:8 113:14 115:15 115:16,17 119:8,23</p>	<p>121:13,18 126:19 128:18 131:22 133:2 139:1 143:7,20 145:6 155:2,16 155:19 156:22 174:19 207:1 209:8,19,20 210:6 223:24 225:13 229:20 233:23 235:20 237:7,8 239:3</p> <p>numbers 42:6 43:9,15 58:3 59:9,11 62:24 63:2,18 67:4,9 102:11 125:24 145:25 165:21 166:1,6 168:16 225:10 243:9</p> <p>numerical 171:17 176:10</p> <p>numerous 98:2</p> <hr/> <p style="text-align: center;">o</p> <hr/> <p>o 13:1 14:16 140:19,19 142:15,16 154:18 159:24 159:24 160:1,1</p> <p>oath 139:12 184:3</p> <p>object 29:16 30:4,16,16 35:23,24 39:12 48:16,20 54:23</p>
---	--	--	--

[object - okay]

<p>58:20 61:14,19 86:5,6,9 objected 48:18 49:25 61:22 76:25 83:14 93:1 objecting 30:21 32:24 36:3,4 55:5,8 89:8 129:10 objection 24:21 25:9 29:15,20 29:23 30:3,7 30:11,14,23 36:2,9,10 39:2 41:17 54:21 56:16 92:4 objections 22:7 22:9 24:3,18 24:19 41:15,19 77:3 80:18 98:23 120:25 122:4 125:22 128:9 129:17 131:13,18 138:24 144:3 146:3 148:11 154:6 157:17 159:13 210:11 231:25 240:6 242:7 objects 92:6 observation 176:23</p>	<p>observed 100:22 obtained 137:10 obtaining 123:3 obviously 68:20 181:23 189:20 200:6 occur 26:3 occurred 19:6 19:12 62:4 occurring 34:4 occurs 181:3 197:17 199:15 202:9 ocd 4:19,20 13:11 15:8,15 15:18 18:22 19:2 111:23 113:20 ocd's 15:16 19:11 october 13:10 26:1,5 27:24 28:17,17,20 30:25 31:7,9 31:16 32:3,7 32:16 33:1 34:21,23 37:7 37:15,23 43:23 44:1 45:4,12 45:20 46:19,23 50:24,25 51:1 52:7 53:4 55:2</p>	<p>55:14 56:1,4,9 56:24 57:7,19 58:15 62:9,10 62:14,17 63:5 63:8 64:12,15 64:18,20 65:9 66:1,22 67:10 67:15 68:24 69:2,9,17 70:15,25 71:2 71:5,14 72:2,5 72:7,25 73:5 73:19,20 74:3 75:3,4,8,13 77:16,18,22,25 78:1,2,5,7,8,13 79:1,6,19 80:20 84:13,21 85:1 87:12,13 87:20,21,24 88:1,14 90:2 91:2,18,19 92:1 142:4,5 209:7 offer 15:4 offering 95:5 offers 86:12,14 office 23:4 38:20 42:14 61:12 76:6 82:17 83:11 93:21 128:24 205:6 230:3 235:23</p>	<p>officer 247:2 offsetting 89:10 110:4 230:20 oh 35:3 62:21 78:10 90:23 100:13 146:19 152:12 155:20 163:18 164:11 165:16 213:1 220:7 238:5 oil 1:3,6 3:3,10 3:23 13:6 14:1 14:4 24:7 28:10 35:9,23 48:2 76:18 82:10,13,18 83:12 137:20 146:25 147:2 153:9 197:1,3 197:8 203:17 215:4 okay 13:23 19:19 20:1 21:13 22:20,24 25:11 26:23 27:17,19,25 28:6,18 29:19 30:12 32:8 33:18 34:14 35:1,7 36:1,8 37:18 38:6,10 38:13,23 39:16 40:22,24 42:2 44:8,18 45:3 45:15 47:4,8</p>
---	--	--	---

[okay - operating]

49:8,16 50:2 50:10 51:19 52:3 54:17 55:11 56:6,22 57:9,11,17,22 58:1,10 59:12 59:24,25 61:25 65:14,21 66:7 66:15,24 67:17 67:22 68:2,10 68:22 69:25 70:21 71:16 72:14 73:13,22 74:6,13 75:6 75:11,17 77:21 77:24 79:15 80:19,22,25 81:6,12 83:16 88:11 89:7,21 90:11,20 95:8 95:23 96:14,16 97:25 98:17 99:7,18 100:13 103:7,15 105:4 105:12 106:24 107:6 109:23 112:4 114:22 116:15 117:23 118:3 119:19 119:22 121:17 125:3,8,24 126:9,22 127:9 128:6,7 129:19 132:11 133:5 133:19 135:19	136:3,8 137:16 138:11,22 139:11,25 140:3,7 141:2 141:10,18,23 142:2,19,23 149:5,17 154:1 155:3,8,18,22 156:21 160:10 161:5 162:3,11 162:13 163:16 163:22 164:5 164:16,21 165:1,11,16 166:19,23 167:6,13,18 168:11,20,22 169:11 173:1 174:6 177:18 177:25 179:21 181:13 183:8 184:4,17 187:3 187:9 188:22 188:23 189:1,2 189:6,17,18 190:1,14 191:1 194:16 195:14 197:10 198:14 199:4,12,17 201:8,25 202:20,25 203:8 204:9 205:5,23 206:1 206:7 207:16 207:16,25	208:1,15,20 209:3,17 210:2 210:7,9 211:1 211:8 212:1,4 212:6,13,16 213:6 214:1,3 214:20 215:5 215:14 216:1,4 216:11 217:13 217:16,21 218:2 219:7,13 219:22 220:7 221:18 222:2 223:19 224:13 224:16 225:5,9 225:15,15,20 226:9,25 227:4 227:10,24 229:9,15,18 230:7 232:18 232:22 233:2 233:13 234:8 234:13 235:1,6 235:9,12 236:14,15 237:6,19 238:14,17 240:16 242:19 242:25 243:3 243:25 244:7 245:19,21 okie 41:7 old 31:21 71:2 93:7 135:1,2	oldfield 7:18 14:10,13,17 16:25 17:2 18:25 19:8,15 22:4,8 once 58:11 64:16 66:11 67:4 74:18 119:3 138:18 142:7 144:19 149:8 168:7 170:14 194:19 online 225:6 open 138:21 190:18 196:3 196:11 224:17 244:8,17 opening 6:3 14:21 operate 113:1 operated 15:1 111:24 116:12 237:24 239:4 operates 112:21 operating 3:14 23:9 24:6 35:21 48:6 61:6,9 76:15 83:5,8 85:18 89:5 110:20 113:8 128:19 128:24 133:9 141:15 143:1 144:24 207:4
--	---	---	--

[operating - packet]

<p>218:20 230:2 235:5 237:8,11 237:25 238:20 239:4 242:11</p> <p>operation 103:11 108:19 109:19 113:3 203:24</p> <p>operations 4:12 107:1,20 108:17 161:19 162:2</p> <p>operator 15:11 15:17 16:3,19 16:24 18:24 111:10 122:25</p> <p>operators 180:24</p> <p>opinion 31:14 31:15</p> <p>opportunities 86:15</p> <p>opportunity 25:18 26:23 52:15</p> <p>opposed 27:20</p> <p>opposing 27:23</p> <p>opposition 89:19</p> <p>opted 179:8</p> <p>optimization 194:6</p> <p>orally 50:11</p> <p>order 7:10 15:9 15:22,24,25</p>	<p>16:3,5 21:7 22:24 45:21 82:21 96:23 110:15 119:24 122:19 123:9 123:19,20,22 143:9,10,12 147:5 149:20 156:23 170:3 183:5 209:8 211:2,10 218:22 230:10 234:23 236:25 237:17</p> <p>orders 149:15 206:12</p> <p>organization 162:2</p> <p>original 15:22 15:23 17:22 100:23 101:8 102:1 196:4,5 204:6 211:2 245:16</p> <p>originally 35:24,25 48:18 89:23</p> <p>ottinger 125:4 125:7,8,16 126:11,23 127:7</p> <p>outcome 52:24 247:16 248:12</p> <p>outfitted 112:15</p>	<p>outlining 158:14</p> <p>outside 220:4,8 220:12,19 224:2</p> <p>overall 102:5</p> <p>overhead 141:11,15</p> <p>overlapping 49:1 237:22,24 239:7</p> <p>overlaps 239:1</p> <p>overlying 108:25</p> <p>overriding 134:7 150:19 152:3</p> <p>oversight 166:21</p> <p>overview 97:9</p> <p>owing 103:9</p> <p>own 28:8 29:12 84:18 181:13 204:16 216:19 236:23 237:25</p> <p>owned 15:1 111:9 235:5</p> <p>owner 17:8 30:3 63:13 134:5 205:1</p> <p>owners 83:24 84:4 122:20 123:2 149:21 150:20 151:16 198:18,24</p>	<p>204:6,8 205:8 206:10 217:3 230:11</p> <p>ownership 9:20 10:19 134:16 147:20 200:2 204:11 216:16</p> <p>owns 89:10 239:5</p> <p>oxy 218:16 219:2 243:13 243:20</p> <hr/> <p style="text-align: center;">p</p> <hr/> <p>p 3:1,1 4:1,1 5:1,1 13:1</p> <p>p.c. 3:9,18</p> <p>p.m. 213:20 246:6,7</p> <p>package 18:5 134:9</p> <p>packer 108:25</p> <p>packet 10:13 10:16 17:23 94:2 118:18,24 119:4 120:7,20 125:23 128:2,3 129:24 142:6 143:15,25 145:19 147:17 148:14 158:3 200:13 201:3 224:18,19 238:15 240:2 242:2 245:10 245:16</p>
--	--	--	---

[packets - percent]

<p>packets 145:17 147:14 245:18</p> <p>page 6:2 97:12 100:4,11 102:11,13,14 102:17,23 103:5,18 108:7 109:24 112:6 113:11 126:19 126:20,22 135:17 136:5,6 162:15 163:18 163:23 164:18 165:2,4 166:13 167:1 168:25 184:10 186:20 188:19 219:23 221:5 226:14 228:5,15 232:12 241:12</p> <p>pages 17:18 109:25</p> <p>paid 198:20,21 200:5 204:6,7 204:11</p> <p>paper 54:8</p> <p>papered 56:2,8 56:15,17</p> <p>papering 55:25</p> <p>paperwork 37:8</p> <p>paragraph 163:11</p> <p>parizek 4:25 11:9 150:24</p>	<p>parker 4:16 9:13 130:19 225:5,5 226:5 231:9</p> <p>parrot 3:18 76:13,14 80:9 80:10,16,21,24 81:3,10</p> <p>part 66:14 122:10 164:17 183:5 192:23 226:23</p> <p>partially 49:1</p> <p>participate 211:6</p> <p>participating 32:2 80:20</p> <p>particular 27:23 33:25 109:1 164:4 170:3 171:13 171:18 172:23 176:23 204:15</p> <p>particularly 137:25</p> <p>parties 24:4 25:16 27:21 28:13 34:12 36:13 39:6,10 42:17 43:11 44:22 45:6,16 45:25 46:13 49:17 50:17,20 50:22 51:1 54:21 58:17,25</p>	<p>63:21 64:14,17 77:14 78:24 86:2,10,12 87:8 92:18 119:16 123:4 130:17 131:5 133:11 151:11 157:20 209:1 211:6 213:7 230:5 231:17 236:1 237:13 242:5,9 243:15 243:19 244:25 247:12,14 248:8,11</p> <p>partners 119:12</p> <p>parts 22:10 26:15 34:7</p> <p>party 19:3 27:23 141:14 147:20 148:4,5 209:14 217:8 217:11 236:3,5</p> <p>pass 72:13</p> <p>past 229:2</p> <p>path 54:18</p> <p>patrick 3:22 5:19 94:8</p> <p>paula 236:13</p> <p>pay 79:18 180:12</p> <p>paying 198:18</p> <p>payments 198:25 200:14</p>	<p>203:13</p> <p>pbex 39:9 63:3 63:11,12 66:5</p> <p>pc 3:7,11</p> <p>pdf 100:11 103:5,18 108:7 109:24 126:20 135:17</p> <p>pecos 13:14</p> <p>pen 219:12</p> <p>penalty 7:11 21:10</p> <p>pending 93:2</p> <p>penetrates 112:9 113:13</p> <p>penetrating 117:7</p> <p>pennsylvania 161:9</p> <p>people 196:8,13</p> <p>percent 101:15 110:11 172:24 173:2 174:25 175:6,9,12,15 175:23 176:3,4 176:8,20 179:2 181:23,25 189:5 190:5,8 190:13 191:8 191:13 193:8,8 195:9,10,13,21 196:19 199:9 204:17 216:20 222:1 237:25 239:6</p>
--	---	---	--

[perfect - please]

<p>perfect 47:8,13 50:14 66:3 98:10 99:7 131:17 153:4 163:9 224:13 perfectly 99:21 performance 215:25 period 43:21 110:21 111:19 111:20 161:15 170:23 174:22 179:8,9,13 181:20 190:3 191:6,17 192:5 193:10 197:19 periodically 114:11 periods 170:23 180:15 permian 23:6 35:20 36:5 37:1 38:21 41:25 42:15 48:3,6 76:7 82:11,14 85:18 86:7,13 87:9 88:18 133:6,9 133:22 137:22 137:24,24 138:4,7 139:16 141:6,11 144:23 145:3 161:19,25 207:2,14 208:4</p>	<p>208:21,24 209:5 233:22 235:5 permit 177:8 220:3 permits 209:9 permitted 116:22 permitting 7:6 20:21 54:5 person 19:1 32:20 81:5 200:5,15 205:22 215:2 persons 211:3 234:22 241:18 241:20 242:23 perspective 170:12 180:9 petroleum 3:5 3:24 4:16 85:19,21 127:1 127:2,4,8 130:19 137:1 138:13 143:18 150:13 153:1 153:10 154:3 158:24 161:8 161:11,12,15 164:2,8 165:9 168:15 225:24 225:25 234:10 ph.d. 4:10,14 6:9,11 160:6 161:12 188:6</p>	<p>phase 116:3 phillip 5:8 phone 125:18 physical 191:15 191:16 193:11 physically 113:7 physics 109:20 pick 37:19 185:14 186:10 186:11 picked 185:4 185:25 picks 99:21 184:13 pilot 176:25 177:5 193:17 193:22 piloting 161:20 pinon 3:20,22 93:16,22 96:22 97:13 98:12 100:19 101:11 116:5 pinon's 94:5 pipeline 153:18 place 117:7 217:14 228:20 plan 29:24 30:20 31:16 37:12,14 222:6 222:22,24 223:11 plans 44:23 64:13 74:25</p>	<p>platform 109:21 please 14:2,24 18:1 19:20 23:2 29:11 35:10 37:19,21 38:18 42:8 47:25 61:7 71:15 75:24 83:6 85:13 93:20 106:2 118:17 119:10 119:22 121:15 121:21,23 122:16 128:21 132:5 133:7,19 136:7,16 139:9 143:2,6 144:21 145:1 147:3 149:10,17 152:14,16,17 152:19 154:13 154:16 156:3 157:24 159:18 160:4,4,12 162:12 168:21 169:22 182:8 184:5 187:16 188:1,4,11 189:14 199:24 203:6 208:22 209:4 212:18 214:9,13 220:16,18,23 223:25 230:7</p>
---	--	---	---

[please - presenting]

<p>237:9 241:2 245:9 plenty 34:7 127:6 plot 106:7 107:25 plotted 107:17 plug 15:17,18 114:6 plugged 113:5 113:14,18 plugging 15:8 plugs 113:23 plume 100:22 101:22,23 102:1,20 112:13,17,19 plus 75:10 point 26:2 29:7 29:21 32:10 39:18 74:21 84:14 87:14 89:18 108:25 110:6 113:25 165:20 194:19 198:10 202:6 pointed 70:3 points 107:17 107:25 176:18 195:3 policy 53:22,23 pool 32:10 123:1 130:17 133:22 134:7 143:8 145:3</p>	<p>147:20 150:19 151:16 152:3 228:9,14,24 229:4 pooled 54:20 134:5 141:14 143:11,14 211:7,9 234:23 235:2 pooling 8:14 9:8 10:23 12:9 25:13,22,24 49:4 84:1 122:19 123:5 123:10,22 124:9 127:20 130:1 131:6 141:21 147:5 148:4 149:15 149:20 150:4 151:11 155:1,6 156:14 207:4 212:19,20 228:4,21 229:1 230:10,25 231:5,18 237:17 238:19 porosity 100:20 101:2,4,18 porous 100:21 portion 200:6 position 27:4 46:22 52:18 56:16,19</p>	<p>positively 220:15 possibility 206:24 possible 54:11 57:13,15 70:23 78:8 86:25 195:8,12 201:20 244:11 postdoctoral 161:14 posted 13:11 111:17 postponed 13:7 potential 86:14 114:13 potentially 49:5 54:21 166:7 202:11 power 153:18 practical 169:19 171:24 180:17 practice 236:24 practicing 137:19 practitioners 13:13 pre 13:5 15:3 16:21 45:20 91:6 94:3 95:10 158:3 238:2 239:7 predicted 102:1</p>	<p>predicts 109:21 prefer 33:4 57:15 60:9 87:23 preferable 57:2 preference 72:9 72:9 87:13 prepare 32:11 46:25 prepared 32:23 64:20 78:13 164:19 165:13 222:21 248:3 preparing 32:19 present 14:18 15:15 17:3 27:4 52:9 89:19 92:20 93:24 112:2,3 122:6,9 156:15 156:19 213:23 215:21 presentation 96:18 155:13 presented 17:12 39:22 94:1 102:15 130:15 157:16 214:2 presenting 14:23 119:20 143:5 149:16 156:10</p>
---	---	--	--

[presents - project]

<p>presents 41:14 preserve 80:6 preserving 23:25 36:11 49:11 press 95:15,20 159:20 pressure 100:22 105:5 105:10 106:7 107:22,23 108:11,22,22 108:23 109:2,3 112:13 115:5 115:16,18 116:10 192:15 192:16,16 197:5 pressures 115:11 175:20 presuming 94:13 pretty 28:9 43:9 49:25 107:13 183:19 preventing 54:13 prevents 113:7 previous 103:19 113:16 172:25 173:15 190:23 193:12 previously 28:3 51:16 72:1 97:23 98:2</p>	<p>107:14 120:10 120:14 130:11 130:23 134:12 135:2,15 141:14 143:17 145:21 147:15 150:12,24 152:2 158:22 159:3 209:12 222:12,19 231:4 priff 248:2,15 primarily 215:3 241:16 prior 19:12 51:17 54:9 103:10 113:22 172:10,17 173:6 204:22 217:9,14 230:21 247:5 probability 111:16 probably 43:20 47:3 51:17 54:23 70:2 88:5 108:1 109:16 166:20 178:9 183:3 196:13 202:10 207:23 problem 46:12 46:15 53:6 55:13 64:5 66:12 81:7</p>	<p>125:11 158:1 233:7 problems 93:6 233:4 procedural 56:21 procedure 53:15 proceed 19:20 25:16 30:21 36:18 39:18 40:5 43:11 77:14 94:11 100:16 106:17 108:3 112:4 113:10 133:20 145:1 147:3 149:18 157:7 157:25 162:12 168:21 209:4 230:8 238:16 proceeding 16:13,15 29:15 30:17 50:19 58:20 81:21 122:2,5 133:14 246:8 248:4 proceedings 247:3,5,6,9 248:6 process 19:9 54:8 55:24 117:5 170:19 175:18 176:5 176:14,19,25</p>	<p>processed 63:17,18 processes 161:20 procure 165:10 produce 197:1 197:3 204:4 produced 197:6 produces 203:17 product 162:5 production 4:10 35:16 76:2 158:17 160:21 161:1,3 162:1 167:23 170:15 181:4,6 190:19 192:3 196:3,16 203:18,25 215:4 221:1 professional 153:7 program 104:9 progress 109:17 progressing 52:2 project 11:21 112:21 114:14 139:20 155:11 156:25 157:1 158:10 170:2 171:11,15</p>
--	--	---	--

[project - quarter]

<p>176:25 177:5 177:10,17 190:11 191:15 193:18 203:14 203:20 204:11 205:1 216:13 218:25 projects 180:25 promises 40:23 pronounce 140:13 243:4 properly 113:17 proposal 9:23 72:19 83:21 85:3 135:4 172:19 182:21 223:5 241:17 242:10 proposals 43:14,18 45:7 61:24 62:4 68:13 69:14 70:12 72:18 74:19 75:13 83:22,25 243:22 propose 25:21 45:24 50:21 179:8 proposed 28:16 31:9 83:17,20 89:11 123:14 123:17 133:24 149:25 156:25</p>	<p>222:11 223:10 224:12 230:17 242:10 proposes 147:10 proposing 169:12 174:17 176:13 199:5 199:13 222:13 222:23 prosecuted 13:25 prosecutor 32:22 protect 81:23 protest 236:6 protesting 236:3 prove 193:6,7 194:10 proved 195:17 proven 113:17 provide 122:13 127:19 131:4 165:22 168:5 169:22,23 173:21 174:6 186:25 200:24 202:12 206:12 224:8 242:20 245:4,9 provided 147:12 151:10 182:20 209:10 231:16</p>	<p>providers 179:17 provides 147:19,24 providing 233:5 proximity 120:6 123:15 124:1 145:7 150:1 151:21 230:19 psi 108:1 115:7 115:17,18 192:17,17 public 138:8 247:19 publication 8:6 9:15 10:6 11:17 12:13 98:18 99:5 131:10 135:24 151:12 231:17 publish 148:6 pull 100:6 105:9 136:11 184:5 pulled 105:15 pulling 96:21 pulls 100:7 pumping 107:20 108:12 108:15 purchase 18:9 pure 196:19</p>	<p>purple 52:22 purpose 1:7 purposes 114:25 123:2 169:19 189:21 pursuing 109:4 push 192:18 pushed 196:14 put 17:25 18:16 19:21 28:22 31:25 41:5 155:13 189:7 189:20 222:24 223:6 putting 113:6</p> <hr/> <p style="text-align: center;">q</p> <hr/> <p>qualifications 214:20 qualified 97:21 98:3 138:12 143:17 153:1 154:2 164:3 187:18 209:12 216:2 225:21 239:22 247:7 qualifies 127:3 qualify 158:15 158:23 quantify 101:17 quarter 52:21 52:22 147:9 149:23 151:19 166:6,8,9</p>
---	--	--	--

[question - rankin]

<p>question 13:22 74:23 84:9 99:20 100:16 103:7,14,15,15 104:1,12 106:18,20 107:7,9 108:3 108:4 109:25 110:8,13,14 111:8 112:5 113:11,12 117:15 124:21 132:3,20 140:1 140:5 155:9,10 155:24 163:5 165:23,25 167:7 175:3 177:3 182:7 183:3 184:16 185:6,20 186:8 188:25 189:3,7 189:9,14 190:2 190:12 195:8 195:15 198:16 199:4 200:16 200:18,19,21 201:7,12,18,21 202:1,5,11,23 203:10 204:3 204:10 208:9 210:17 218:11 225:12 227:6 240:20 242:13 242:15 243:4</p>	<p>questionable 196:7 questioning 106:1 138:19 159:16 176:11 199:21 202:7 205:11 206:5 206:15 225:20 questions 40:7 60:5,11 93:24 94:13,14 99:9 99:12 103:17 109:17 113:6 114:10,17,19 114:25 117:9 120:11 121:6,8 126:4,7 127:12 139:7 141:20 144:9,12 145:24 146:9 146:12 148:7 148:18 154:4 154:20,22 155:1,7 156:18 157:4,16 162:8 164:7 168:21 169:6 170:17 177:19,22,24 178:13 182:2 183:9,17 187:4 187:12 194:18 195:1 201:9,13 205:25 206:10 206:13,13 208:8 212:18</p>	<p>213:24 216:5 217:17 225:7 227:13,15 232:19 233:8 235:8 240:12 240:14,18 243:1 quick 114:24 182:6 199:23 218:11 quickly 30:22 31:20 107:13 quite 93:2 191:7 193:11</p> <hr/> <p style="text-align: center;">r</p> <hr/> <p>r 3:1 4:1 5:1 13:1 15:8 96:2 96:23 103:20 142:15 143:10 143:11,14 159:24,24,24 160:1,1 209:8 214:11,11 raise 96:5 136:15 140:20 152:19 160:4 188:4 214:12 226:2 234:13 241:2 raised 177:15 ranch 82:18 range 97:6 110:2,2,16 116:16,17 120:3 122:22</p>	<p>145:5 147:9 230:15 238:23 238:24 ranging 111:18 rankin 3:19 6:8 6:10,12 8:5 93:19,20 94:18 94:21,24 95:5 95:6,9 96:17 96:20 97:22 98:1,9,16 99:4 100:5 102:16 103:2,4 106:6 106:16 114:23 114:24 115:2 117:9 118:4,5 118:21 119:3,5 121:20,22,23 122:3,10,17 124:17,19,22 125:1,5,10,14 125:20 126:11 126:15,20 127:1,13,14 128:4,15,16,22 128:22 129:3 129:21,22 132:6,13,15 133:1 140:10 142:20,21 146:16,17,20 149:2,6,12,12 149:19 152:10 155:12,17 156:1,4,8,13,21</p>
--	--	---	--

[rankin - recommendation]

157:6,20,22	233:8,12	242:14	79:8 99:1
158:1 159:8	235:21,22	reality 172:4	118:11 121:5
162:18,21,22	236:2,18 237:2	realize 92:7	123:19 126:1
163:1,18	rankinin	realized 81:8	128:13 131:24
166:25 178:4,5	106:11	really 105:4	137:11,14
178:8,11 182:2	rate 96:24	112:20 166:5	139:4 144:7
182:12 183:11	104:7,14,17,21	192:18 196:11	146:8 148:15
183:12 187:6,8	105:3,6,10,10	reason 15:25	153:6 154:9
187:18,20	106:8 107:11	92:17 103:14	177:8 209:14
188:19 194:21	107:14,16	236:9	210:15 232:2
194:25 195:5	109:1,22 110:5	reasonable	240:9 242:10
199:18 200:1	112:14 114:3	72:21 87:14	242:22 243:22
200:18,20	115:3 116:6	193:10 196:23	receiving 19:1
201:21 202:1,3	rates 109:5	198:6,9,11	recency 72:21
202:22 206:2,4	111:18 141:11	reasonably	recent 25:20
206:8 207:8,18	141:16,22	169:19	92:22 101:5
207:20,22,25	rather 34:10	reasons 44:21	recently 28:2
208:17 213:25	ratio 197:3,8	rebuttal 214:2	33:24 34:2
217:18,20	raw 104:3	218:6	43:13 86:11
218:1,11,15,18	107:1	recall 39:20	112:23
219:5,10,12,18	rcx 6:5	51:16 68:8,11	recess 41:21
220:1,11,21	rdx 6:5	82:20 113:20	47:22 59:1
221:3,12,18,21	reach 51:1	113:21,22,24	61:3 67:6
222:1,8 223:1	191:24 207:6	166:4 177:4	75:18 82:8,9
223:18,19,22	reached 27:21	181:17 202:12	83:2 88:21
223:24 224:14	34:6 55:24	202:18 203:2	105:20 121:17
224:15,21	104:9 105:5	206:3 218:18	132:23 142:19
225:2,3,11,17	243:21	225:8	233:14 236:15
225:22,24	read 18:7	recalling 41:22	237:6 245:22
227:8,11,15,18	186:12 223:22	receive 22:4	recognizes
227:19 228:4,8	reading 164:10	148:5 224:18	162:4
228:12,23	164:12	233:15 243:23	recognizing
229:7,13,22	ready 45:20	244:8	182:22
230:1,1,6,9	47:16 96:15	received 22:13	recommenda...
232:21 233:3,4	164:13 219:10	73:15 77:2	223:13

[record - report]

<p>record 15:20 20:4 50:8 64:16 79:20 94:12 95:25 96:12 102:23 105:21,22,24 114:25 118:9 119:7 120:12 123:2 138:20 140:17 142:5,7 142:11 143:20 159:22 160:10 162:17 188:1 208:19 213:17 213:18,19,21 214:8 223:23 224:17,17,19 231:22 235:16 236:8 240:4 244:8,17,19 246:3,5 247:9 248:5 recorded 247:6 recording 247:8 248:4 records 111:23 113:20,21 recover 170:22 170:25 171:21 173:5,8,14,18 189:25 190:13 recovered 172:17 174:10 179:3,7 181:25 190:13 192:4</p>	<p>199:10 recoveries 176:17 recovering 181:22 recovery 161:20 172:11 172:25 173:2 174:25 175:7,9 175:15 176:3,4 176:8,15 180:14 189:5 195:13 redirect 114:23 117:13,16 178:3 217:19 227:18,19 233:3 reduced 247:7 refer 139:19 174:18 185:13 reference 163:12 164:22 165:12 169:4 170:1 220:8 228:6 232:14 232:15 referenced 176:24 182:11 219:24 referencing 102:21 referring 115:3 163:19 164:23 165:3 167:4,20</p>	<p>167:22 175:8 193:17 206:18 219:25 228:7 refile 53:12 refiled 43:4 refiling 44:12 refining 101:1 reflect 96:13 110:11 124:5 126:17 151:4 160:10 reflected 79:22 111:23 179:2 reflecting 103:10 131:4 150:18 151:10 231:16 reflection 34:9 34:11 reflective 243:17 reflects 44:6 107:11 111:14 regard 72:13 regarding 15:1 109:25 130:16 165:21 regardless 56:5 148:6 175:12 regards 169:7 182:12 186:21 188:20 218:17 220:23 223:11 242:21</p>	<p>regular 13:3,3 13:9,10,13,15 13:17 78:9 reiterate 28:20 related 123:21 161:22 247:11 248:7 relationship 109:2 relative 72:21 247:13 248:10 relatively 37:4 208:11 relay 54:9 reluctantly 79:17 remain 224:17 remaining 39:21,23 remember 60:2 68:25 236:15 remind 41:1 139:11 reminding 83:2 remove 142:7 removes 141:21 repeat 110:8 175:2 177:2 184:16 195:15 rephrase 189:13,16 replaced 51:21 report 7:6,8,9 20:22 21:1,4 86:23</p>
--	---	--	---

[reported - returned]

<p>reported 2:14 112:1</p> <p>reporter 14:15 105:22 154:11 154:12 213:18 246:2,5</p> <p>reports 87:5</p> <p>represent 185:23,24</p> <p>representation 172:4</p> <p>representative 153:17,19</p> <p>representing 3:10,14 25:3 35:12 76:15</p> <p>represents 33:23 39:10</p> <p>repropose 28:11</p> <p>request 15:16 20:2 21:16 90:3 91:1 116:5 120:8 145:19 148:7 186:25 190:20 209:6,15 219:2 227:15 232:23 238:19 243:2</p> <p>requested 63:5 112:14 114:3 233:16</p> <p>requesting 32:7 43:23 141:7</p>	<p>requests 103:12 143:8 194:19 229:16 232:20 233:6</p> <p>require 28:10 28:11 54:24 180:24 181:5 222:11</p> <p>required 15:14 15:17 22:1 103:24 180:13</p> <p>requirement 18:22 136:10 182:25 219:2</p> <p>requirements 181:9</p> <p>requires 52:22 180:24 218:24</p> <p>requiring 229:3</p> <p>research 161:18</p> <p>reserve 58:19</p> <p>reserving 67:19</p> <p>reservoir 4:14 107:15 116:11 116:13 117:8 155:11 159:5 161:23 169:5,6 169:10 170:11 170:17 176:11 187:13 191:12 191:22 192:18 200:16 204:7</p>	<p>resolution 52:4 100:20</p> <p>resolve 45:8 49:7</p> <p>resolved 36:3,7 45:6</p> <p>resource 85:12 153:7 207:2 208:4</p> <p>resources 1:2 2:11 4:9 23:1,5 32:11 35:20 36:6 39:9 49:19,23 61:13 69:7 85:15,18 86:7,13 87:9 88:18 89:4,5 133:6,9,22 138:4,7 144:23 145:3 157:14 180:12 207:14 208:21,24 209:6 233:23 235:5 239:5</p> <p>respect 73:1</p> <p>respective 147:16</p> <p>respond 17:3 29:7 31:4 70:19 72:11 241:21</p> <p>responded 16:25 17:6 22:5 178:14</p>	<p>respondent 14:8 15:2</p> <p>response 7:18 16:18,20,23 17:7,16 18:5 19:7 25:23 26:17 27:11 74:22 107:20 138:16 202:6 204:15 222:16</p> <p>responsible 215:3</p> <p>restart 64:5 66:13</p> <p>restate 221:3</p> <p>result 83:24 115:20</p> <p>results 102:4,7 104:3 107:11</p> <p>resume 126:16 135:16</p> <p>resuming 236:11</p> <p>retired 113:4</p> <p>retrieved 107:13 108:24</p> <p>return 65:16 66:17 67:13 190:4,18,18 191:18 192:14 194:10 196:3 196:16</p> <p>returned 190:8 190:24 191:12 191:13 193:15</p>
---	---	---	---

[returned - santa]

<p>196:6 revealed 100:20 revert 47:11 review 40:5,13 92:14,18 116:25 129:13 130:2 179:5 220:5,9,10,13 236:11 245:24 reviewed 208:3 reviewing 52:19 revised 43:13 45:7 128:2,3,5 134:4,6 139:2 ridge 89:4,4 90:3 right 16:12 19:20 22:16 25:15 29:16,16 30:4,4 36:16 39:18 41:8,9 41:12,21 42:22 46:10,20 47:21 50:6 52:6,7 54:24 57:5,12 58:20 60:16,17 61:3 64:7,10 64:25 65:11 67:18,19 69:13 69:18 73:9,18 74:4,14 75:9 75:12,12,17 78:12,21 81:1</p>	<p>81:9,13 82:2,5 85:9 93:13,15 95:12,14,15,21 96:6 102:18 106:14,23 108:2 112:4,6 113:10 115:25 119:2,6 136:16 137:3 138:12 138:17,18 140:11,21 142:10 144:13 146:24 152:19 154:2 159:20 160:4 162:22 163:10 164:15 167:9 169:3 179:4,11,24 181:1,7,8,15 186:23 188:4 190:21 191:8 194:15 197:9 197:19 198:16 199:2,3,16 200:15 208:12 213:8 214:3,13 216:9 217:24 218:13 221:22 226:3 234:13 241:2 242:9 rights 24:1 36:11 49:11 80:7 81:23 ripe 44:2</p>	<p>road 114:6 robust 244:24 rock 4:18 197:2 207:3 210:6 237:8,11,24 238:19 239:4,5 242:16 rock's 212:19 239:5,7,8,13 rodriguez 3:14 48:5,6,9,16,17 48:23 49:5 50:17 51:9,11 52:12,16,17 53:8,14,22,25 54:15,19 55:6 55:11,17 57:11 57:13,18,21,25 rodriguez's 58:14 roeder 4:24 10:16 147:13 147:24 rooster 123:15 123:18 124:1 routine 114:12 royalites 198:20 216:16 royalties 201:23 202:2 203:13 204:11 royalty 134:7 150:19 152:4 198:18,25 200:11,14,23</p>	<p>202:8,14 205:1 205:8 217:2 rules 15:5 run 43:21 64:1 111:21 runner 89:4,5 runner's 90:3 running 110:20 112:18 ryan 5:20,21</p>
s			
<p>s 3:1 4:1 5:1 7:1 8:1 9:1 10:1 11:1 12:1 13:1 96:1 142:16 154:18 159:25 160:1 safety 112:12 sage 52:22 salado 170:2 177:8,17 193:13,20,22 193:24 sale 18:9,14 101:2 sales 217:14 saltwater 116:19 sand 28:5 227:1 229:12 232:16 santa 2:13 23:4 38:20 42:14 61:12 76:6 82:17 83:11</p>			

[santa - self]

<p>93:21 128:24 149:13 230:3 235:23 238:3 sara 5:9 satisfactory 118:13 228:25 saudi 161:16 savage 3:7 23:12,13,16,17 23:21,25 35:14 35:14,18 36:9 36:10 48:11,12 49:9,10,15 save 232:22 saw 89:17 91:4 91:6,6,10 219:9 233:18 236:12 saying 25:12 26:25 32:1 37:2 52:4,5 53:6,12,17,20 120:15 155:16 185:7 195:20 228:18 says 228:16,21 243:10 scale 171:11 scenario 110:4 scenarios 174:13 178:22 scf 174:17 schedule 84:19 182:13,20 218:17,19,21</p>	<p>scheme 116:21 schill 3:7 23:13 35:15 48:12 science 153:7 sclg 193:20 scott 3:12 39:1 screen 17:25 18:17 22:22 100:6 102:20 118:7 125:17 132:5 171:18 228:13 seat 96:14 152:17 160:13 188:11 second 13:5 66:20 84:23 173:12 174:2 190:15,25 242:8 section 29:13 97:5 120:2 123:12 147:8,9 149:23,24 151:19,19 226:15 238:24 sections 30:4 52:22,23 122:22 123:13 123:25 133:23 145:4,11,14 230:14 238:23 see 18:8 26:10 27:14 29:19 31:13 43:4</p>	<p>49:13 53:5 55:1,12 56:22 61:3 63:14 64:5,17 70:15 71:9,11 73:4 78:11 85:2 88:15 89:12 90:5,8,13 91:14,15,16 95:19 99:8 100:10,10 101:21,23 102:3,7 107:18 109:10 110:15 111:2,24 114:15 125:13 125:15 126:22 127:5 128:2 152:18 154:4 155:15 163:19 163:21 165:2,5 166:9 167:3 168:6 176:21 184:11 185:19 186:6 191:24 195:15 200:7 206:25 210:22 215:5,22 221:23 225:4,4 225:5 228:7 234:4 238:2 seeing 82:6 101:1,18 175:20 179:18 179:22 211:24</p>	<p>seeking 19:24 96:22 98:7 123:1,22 126:24 133:25 134:7 136:23 139:17 141:11 149:15 150:19 152:3 153:1 158:15,23 160:16 214:21 237:17 seeks 39:24 122:19 123:9 133:22 145:3 147:5 149:20 151:16 156:23 230:10 238:20 seem 166:2 seems 84:19 103:16 seen 70:13 179:19 seismic 100:25 101:6,11 seismicity 100:20 self 7:21,23 8:4 9:10,18 10:4 11:4 12:16,18 12:20 97:13,17 98:12 130:9,18 131:3 134:11 135:11 158:9 163:4,6</p>
--	---	--	--

[send - showing]

<p>send 22:1 68:13 70:12 71:10 229:14 sending 19:17 62:3 69:14 84:8 senior 4:4,10 162:1 sense 44:13,24 47:3,7 67:20 71:23 87:20 109:3 114:13 sensor 108:24 sent 16:15 19:16 21:22 43:13,18 61:23 70:16 79:13 83:20,22 106:5 236:13 241:18 242:22 243:11 separate 64:3 149:3 155:14 155:21 156:15 219:20 separately 149:4 156:15 separator 218:24 september 2:7 15:14 16:21,23 134:3,6 213:21 sequence 151:25 190:15 serve 151:21 230:18</p>	<p>services 3:17 238:10 serving 161:14 162:1 set 30:24 31:7,8 31:17 33:2 44:3 45:12,20 46:2 50:24 52:10 53:3,4 54:18 55:8 56:14,18,23 58:11 62:8,12 62:16 69:7 70:9 74:23 77:16 79:1,22 84:12 85:1 86:19 87:12,17 91:1 107:25 113:23 115:9 115:11 125:15 167:3 sets 44:24 50:7 50:16 setting 37:6 55:14 84:18,22 167:15 220:24 221:1,7,8 224:6,7 seven 137:20 169:14 172:20 172:21 173:11 173:25 174:14 179:8,9,19,23 180:1,6 181:20 191:7 192:6</p>	<p>199:6 222:14 several 37:5 46:3 48:23 63:16 92:13 148:25 shaheen 3:15 49:18,19,22 51:13,14,20 52:12 55:20,21 56:12 57:1 58:3,5,9 85:14 85:14 86:2,3 86:17,18 87:3 87:16,23 88:2 88:5,10,19 133:8,8,12,14 133:15,18,21 135:23 136:3,6 136:8,11 138:14,16 141:25 142:1,9 142:11,14,18 shanghai 123:15,17,25 shanor 3:8,25 4:3 24:6 85:18 89:2 119:12 143:4 144:23 147:2 share 166:5 173:4 228:12 shared 103:12 117:19,20 192:9</p>	<p>sharing 22:22 sharon 3:15 49:18 85:14 133:8 sheila 4:20 7:13 21:18 shewmaker 4:18 12:17 239:9 240:20 240:25 241:4 241:10 243:4,5 243:6,7 245:4 245:25 shift 182:1 shifts 181:14 shop 32:12,12 short 65:13 170:7,23 175:24 191:6 191:17 192:5 193:9 197:19 198:10,19 shortly 19:4 28:9 45:12 84:3 should've 53:11 133:3 221:15 224:1 show 21:21 64:1 81:23 190:9 showed 179:7 showing 22:4 102:14 130:25</p>
---	--	--	---

[shown - sounds]

<p>shown 107:25 166:8 170:24 186:1 209:13 shows 243:15 244:24 shut 113:5 sic 39:1 131:23 154:8 234:19 235:2 side 95:14,15 113:15 sign 236:22 signature 247:17 248:14 signed 37:8 134:5 236:14 236:25 significant 192:23 significantly 109:8 175:21 signing 236:21 siluro 107:15 silver 62:16 63:4,6 66:5 similar 25:23 39:21 74:23 102:6 simple 124:21 195:22 simply 89:14 172:15 182:22 198:10 simulate 112:1</p>	<p>simulated 110:10 171:19 simulating 111:25 simulation 101:20 109:18 109:20 110:18 111:15,16,22 112:17 176:10 194:14 simulations 102:1,7 103:10 114:11 171:17 172:7,10 simultaneously 110:6 111:10 111:17 single 117:19 170:24 218:25 sir 29:5 36:15 37:3,24 38:12 40:20 41:20 42:1 48:9 60:18 61:20 63:7,9 66:6 73:8 80:21,24 82:3,4 83:15 99:22 103:23 129:18 137:2 138:10 139:10 139:24 140:6 141:9,10,13,18 160:15 161:4 163:16,20 164:16,19</p>	<p>165:11 166:19 166:23 167:2,6 167:12,22 168:24,25 169:4,11 172:8 172:12 177:18 178:2 182:9,14 183:2,8 184:1 184:9,11 185:18 186:17 187:3 188:10 188:16 189:19 194:16 199:25 203:12,15 204:20 205:13 205:21,23 212:16 214:5 217:16 218:14 220:22 222:2 229:9,15 232:18 235:6 245:5 sister 128:20 sit 99:21 152:18 187:22 214:7 site 28:7,9 193:3 situation 89:12 245:8 six 56:19 153:10 174:9 sixty 229:24 size 102:5</p>	<p>skills 247:10 248:6 slight 122:12 slip 111:16 slo 205:4 slower 160:24 slug 62:16 63:4 63:6 66:5 small 116:20 238:10 smaller 180:16 smith 40:3 59:5 59:6 solaris 88:24 89:2,11,13,15 sold 204:22 217:8,10 soon 84:5 86:25 224:18 244:11 sophia 3:9 5:22 25:2 sorry 23:22 35:3 44:11 78:1 80:23 100:9,9 140:12 156:4 166:24 168:25 182:10 184:15 205:13 212:3,4 229:24 sort 34:10,10 93:1 113:6 sounds 33:13 47:18 51:4 55:5 58:19 64:11,13 71:7</p>
---	--	---	---

[sounds - statement]

76:23 80:1 90:20 142:23 245:1 source 204:18 204:21 205:2,8 216:16,20,23 217:7 south 2:12 27:20 28:21 29:13,17 30:22 33:25 68:8,13 68:14 70:4 72:16 73:2 97:5 120:3 122:22 133:23 145:5,13 147:9 230:15 238:23 238:24 southwest 151:18 space 65:20 spacing 39:25 52:21 54:20 120:1,6 123:11 123:17 124:3 145:7 149:22 150:2 151:18 230:12,20 237:22,24 238:21,22 239:1,2,7 spanning 137:21 speak 25:18 27:6 50:23	55:22 164:3 188:11 special 13:20 33:15 77:16 specialist 3:5 3:24 species 28:5 specific 165:23 186:8 219:9 specifically 108:19 111:20 163:24 185:25 186:3 spell 14:14 94:22 95:24 140:16 142:12 154:13,15 159:21 188:1 214:8 223:2 spelled 214:11 222:15 spencer 3:15 85:14 sperling 3:6 split 36:23 205:3 splitting 110:19 spoke 70:22,24 spoken 51:23 spring 39:24 44:16,19 49:2 57:14 122:20 123:8,10,23 133:25 145:11 147:6 149:21	151:17 156:25 226:18,21,23 226:24 227:1 228:6,11,17,18 229:6,12,12 230:12,13 232:15,16 spur 119:9,12 119:24 120:4 squares 185:23 srt 103:24 104:2 srv 175:21 192:12 st 2:12 staff 46:3 221:24 stage 225:20 stages 242:4 staleness 34:10 stand 39:24 72:9 77:10 81:24 95:2,22 138:19 152:17 159:19 160:13 162:7 167:7,11 187:16 202:24 205:10 232:7 237:20 standard 52:21 97:2,3 103:21 108:9 116:6 117:2,2 120:1 123:11,18,20 133:22 134:1	147:7,19,24 149:22 151:18 230:11 238:20 stands 61:5 start 79:23 109:4 138:6 169:8 173:12 starting 13:15 173:13,13 state 1:1 86:20 86:22 87:2 95:24 115:24 137:12,15 140:16 142:12 147:11 154:15 159:21 161:9 187:25 203:5 205:6,7 214:8 217:3 247:20 stated 108:8 113:16 133:1 165:17 statement 6:3 7:21,23 8:4 9:10,12,14,18 10:4 11:4,21 12:16,18 14:22 16:22 19:16 72:11 91:6 94:3 95:10 97:13,17 98:5 98:12 130:10 130:14,19 131:4 134:11 135:12 150:11
---	---	---	---

[statement - supplementary]

<p>158:3,10 163:4 163:6 174:24 175:5,13 188:16 189:3 193:17 200:22 200:25 202:13 238:2 statements 15:4 176:12 stating 118:19 status 13:18,24 26:1,4 28:19 30:24 31:16 34:20 36:21 37:6 40:15 41:4 44:1 45:4 45:5 46:13,24 48:24 49:20 50:24,25 51:2 52:7,8,25 53:1 55:2,14 56:10 56:18,25 57:6 57:12,23 58:13 58:15 62:9 66:21 67:10,15 69:9 70:15 71:3,18 72:1,4 72:6 73:1,23 74:6 84:13,21 84:23 85:1 86:23 87:4,12 88:1,3,14,24 91:7 243:17 stay 58:13,15 170:10</p>	<p>staying 82:21 step 71:22 104:7,17 105:10 107:11 107:14 115:3 stephen 5:11 137:14 stephenville 137:13 steve 7:18 14:9 16:24 steven 3:20 94:5 96:1 stick 31:15 stimulated 170:11 197:2 stipulations 182:12 stop 22:22 storage 101:14 story 102:5 strategic 39:2 stream 109:8 203:25 string 221:7 224:6 strings 167:14 220:25 strongly 216:25 studies 102:14 176:10 style 237:3 suarez 4:12 11:22 159:18 159:25,25</p>	<p>183:20,22 suarez's 158:18 sub 22:10 97:16 subject 15:7 123:4 131:5 151:11 231:18 submission 97:12 submit 141:20 218:10 220:16 222:6 224:10 229:10 242:15 244:21 submittal 102:13 submitted 92:13,25 100:15 104:4 120:7 143:15 145:17 219:11 220:3 227:25 230:21 236:5 submitting 245:11 subpart 120:21 subparts 120:21,22 143:19 210:10 subsequent 20:18 117:6 172:17 substantiate 15:16 20:17</p>	<p>substitute 43:17 77:20 subsurface 112:12 153:21 sufficient 15:11 40:21 79:7 suggest 84:12 suggesting 46:8 70:11 suggestion 33:5 72:20,24 suitability 127:18 suitable 131:1 231:11 suited 202:10 summary 241:11,25 sunday 65:16 sunset 113:3 supercritical 116:4 supervision 141:11,22 supplemental 7:14,17,25 17:22,24 18:3 22:2 118:14 200:25 202:13 218:9 219:11 219:16,21 220:16 223:10 supplementary 9:12</p>
---	--	--	---

[support - target]

<p>support 192:25 209:11 supported 21:17 supporting 11:6,7,8,11,12 11:13,14,15 20:5 158:6 171:8 176:7 192:24 231:5 suppose 221:17 supposed 211:25 sure 30:20 32:13 33:21 47:24 49:25 52:12 54:22 67:21 72:4 87:19 89:20 96:20 100:9 108:5 109:4 154:14 167:24 168:12 175:11 186:19 189:1 195:21 198:15 201:2 204:24 211:13 219:23 221:4 223:24 236:19,22 237:22 surface 28:3,10 72:17 105:9 106:7 108:1,10 108:12,15,16 108:21 109:2</p>	<p>114:4 115:5,7 115:10 158:16 160:20 167:21 175:19 183:5 215:3 surprised 82:24 surveillance 194:6 suspect 84:2 217:1 swd 96:24 110:5,17 111:3 111:5,9 112:8 116:21 swear 94:15 216:8 switched 91:7 sworn 95:3 96:9 132:24 136:19 140:24 152:22 160:3,7 162:12 183:23 187:17 188:7 214:16 226:2,6 234:16 241:5 247:5 synthetic 171:16 system 18:24 19:2 54:5 90:16 92:8 170:9,13 192:17</p>	<p>t t 7:1 8:1 9:1 10:1 11:1 12:1 94:24 96:1,4 159:24,24 188:2 214:11 214:11 table 97:11 110:14,15,23 110:24,25,25 111:2,14 128:7 165:6 167:19 167:25 186:13 220:10,11 221:9,15,16 224:2 241:16 tables 164:21 166:25 167:2 220:23 221:5 224:4 take 26:9 48:18 57:18 70:9 73:18 96:17 105:9,13 127:12 128:12 171:21 179:17 180:11 183:19 192:1 209:18 219:10 224:19 233:15 235:10 244:19 245:16 taken 22:17 119:3 120:12 121:10 131:15 143:20 144:14</p>	<p>146:1,14 148:9 148:21 152:7 156:19 172:11 206:22 209:16 231:22 247:3 247:12 248:9 takes 217:13 talk 65:23 77:13 87:14 88:9 195:23 talked 28:18 talking 33:1 34:1 162:25 178:9 197:14 tally 172:22 tang 4:14 6:11 11:23 158:25 178:15 187:12 187:14,15,21 187:24 188:2,2 188:6 194:23 195:1 196:24 198:15 199:5 200:1 202:3,6 202:7 203:1 tap 4:18 207:3 210:6 212:19 237:8,11,24 238:19 239:4,4 239:5,7,8,13 242:16 tardy 70:11 72:12,20 target 226:18 231:10</p>
---	--	---	---

[tarleton - thank]

<p>tarleton 137:12 tascosa 211:9 tascoso 235:2 taxing 65:6 taylorcres 120:4 team 153:20 170:16 221:4 221:11 teams 125:11 technical 3:21 13:19 40:12 46:3 54:4 91:5 92:16 94:6 103:16 144:2 157:15 161:17 170:16 213:23 221:11,24 technological 54:10 technologist 165:9 technology 169:21 171:25 191:9 215:13 tell 61:17 78:18 96:10 108:18 125:18 132:7 136:20 140:25 152:23 160:8 162:17 183:24 188:8 198:16 214:17 226:7 234:17 239:21 241:6 244:21</p>	<p>tells 245:11 temperature 116:11 ten 104:9,18,24 136:10 173:18 173:19 174:8,9 tends 197:2 term 45:14 175:24 198:7 198:10,19 terms 44:22 101:13 105:1 108:15,16 116:15,17 143:9 174:13 185:6 198:25 test 104:17 105:11 107:12 115:6,19,21,23 181:21 182:12 190:20,20 193:3,4,5 194:8,9 218:17 218:19,21,24 testified 96:11 97:23 98:2 120:10,14 130:11,23 134:12 135:16 136:21 141:1 147:15 150:13 150:25 152:2 152:24 158:11 158:22 159:3 160:9 162:6</p>	<p>183:25 188:9 206:6 209:12 214:18 226:8 234:18 241:7 testify 127:18 145:22 testifying 247:5 testimony 11:22,23 12:11 14:23 15:15 32:11 94:3,12 126:16 158:19 220:6 231:9 testing 104:8 107:1,14 180:25 182:20 182:25 193:2 tests 104:7 115:4 181:6 182:16 183:6 texas 137:13,15 215:21 thank 22:17,19 22:23 23:24 24:2 25:1,4,8 34:13 35:1,2,6 36:12 38:8,13 38:23 39:4 41:11,17,19,20 42:12 43:12 46:16 47:14,19 47:20 48:4,10 50:3 51:8,12 54:3 55:17,19 55:21 58:23</p>	<p>60:17,24 61:2 62:2 65:4,18 67:12 75:17,19 76:8,16,22 77:12 78:3,10 78:20 79:15 80:4 81:13 82:3 83:1,3,9 84:7 85:4,7,10 85:16,23 86:18 88:5,12,19,20 89:7,21 93:9 93:12,14 95:23 99:23 105:21 108:2 109:12 109:23 112:4 113:10 114:18 117:23 118:1,2 119:5,23 120:18 121:9 121:11,12 128:15,16 129:9,13,22 131:20 133:21 138:11 139:14 141:5,10,18,23 142:9,17 143:24 144:16 144:25 145:2 146:15 147:4 148:22 154:3 154:19 157:18 159:7,21 160:2 162:3,13 163:16,22</p>
--	---	---	---

[thank - timeline]

164:16 165:11 166:19,23 167:6 168:20 168:22 169:3 169:11 177:18 178:5 183:8,15 184:7 187:3,9 188:3,10,14 194:16,17,20 194:22,23 199:25 203:1,4 205:23 208:23 209:5 210:1,18 212:7,16 213:15,16 214:19 216:6 216:11 217:16 217:22 218:14 219:22 220:22 222:2 223:20 224:15,21,22 225:14 226:11 227:21,23 228:2 229:9,15 229:18,22 232:5,18 234:20 235:6,7 235:14,15,17 235:25 237:5 238:13,17 239:25 240:10 241:8 242:25 243:25 245:6 245:23,25 246:2,4	thanks 18:8 232:9 theoretically 69:16 theory 75:7 thing 65:8 73:4 109:14 114:15 198:14 243:13 things 26:21 114:13 116:21 think 27:22 30:10 32:17 43:25 44:12 46:4,23 47:7 54:1 56:12 65:9 68:24 70:10 74:19 75:20 79:22 80:11 83:4 84:25 87:14 91:9 101:25 104:9,16,19 105:9,15 107:1 108:3 110:22 112:11,15,16 112:24,25 113:3,7 114:4 114:9,12,12 118:8,25 133:1 146:17 157:23 163:24 168:3 171:23 173:9 176:10 178:8 178:14 191:15 193:9 195:1	198:15,23 200:5,8 212:11 218:19 219:18 222:16 236:13 243:11 245:7 thinking 166:11 170:6 third 217:8,10 thought 13:12 37:23 42:23 57:4,9 62:4,6 68:18 69:1 74:6,9 79:2,6 139:21 168:13 201:5,22,23 219:4 222:9 three 13:9 15:12 17:4 24:12 31:11 37:20 38:16 50:5,7,16 71:23 72:5 73:21,22 93:23 97:16 100:24 114:6 144:19 146:4,10,12,14 154:7,24 157:2 161:18 173:4 174:8,8 207:2 211:2 224:24 224:25 228:20 thursday 2:7 95:10 tied 37:2	till 13:7 61:16 100:7 125:6 168:7 227:7 time 2:8 16:19 16:22 19:6,10 25:10 31:2 37:4 39:22 40:19 41:24 44:3 46:4,24 49:6 53:25 55:9 59:22 62:5,16 72:18 72:21 75:9 86:22 87:10 88:16 89:15 91:22 106:11 106:14 142:3 146:18 156:10 159:13 160:3 160:15 161:16 166:18 170:23 171:9 172:3 174:21 190:25 191:6,17 192:6 193:10 197:4 197:12,15,16 197:19 199:14 199:19 209:6 223:14 232:23 236:9 244:18 245:7,23 timeframe 244:24 timeline 26:3
--	---	---	---

[timely - truth]

<p>timely 9:14 99:3,6 131:5 131:10 134:3 148:6 times 98:2 timing 72:12 176:2 title 123:2 138:2 166:10 215:23,24 titled 66:8 titles 153:15 toc 167:3,7 today 13:14 15:10 16:13,14 17:14 30:9 32:6 40:5,12 41:6 50:12,13 52:2 59:15 74:22 90:6 91:13 94:4 122:6 126:13 127:9 135:18 152:11 157:3 157:15 178:12 203:22 224:23 242:7 245:24 today's 32:15 220:6 together 44:24 67:4 149:1 154:24 told 19:8 tomorrow 244:12,13,19</p>	<p>top 19:22 43:15 103:1 113:24 134:9 167:7,19 167:24 181:17 184:21 186:4,7 216:25 221:1,8 221:23 224:7,9 226:18,24 227:1 topic 188:17 topics 98:4 tops 184:23,24 185:3,23 186:16 torrealba 4:10 6:9 158:10 159:17,23,23 160:6,12 162:8 162:14 178:12 202:23 203:7 203:12 206:16 torrence 2:14 247:2,18 total 91:9 163:13 190:23 touch 36:22 toward 137:4 137:17 153:5 161:6 215:6,15 towards 108:17 113:2,3 165:4 township 97:5 120:3 122:22 145:5 147:9 230:15 238:23</p>	<p>238:24 traceable 192:23 track 172:2,15 tracking 21:17 142:21 195:11 195:21 243:8,9 243:16 tracks 231:10 tract 100:21 120:6 145:7 tracts 123:16 124:2 130:16 150:1 151:23 230:20 trailing 31:25 32:18,23 46:7 47:7 69:2 transcriber 248:1 transcript 62:6 248:3,5 transcriptionist 247:8 transfer 18:24 19:2,12 transferred 17:9 transfers 18:21 transit 243:10 243:19 transitions 181:4 trapping 192:21</p>	<p>travel 46:4 traversing 175:21 treated 96:25 97:7 115:24 trend 191:23 196:21 197:11 197:18 trends 101:4 trevino 3:3 6:3 14:3,3,6,9,13 14:16,20,21,25 15:23 16:6,10 16:14,18 17:7 17:17,24 18:2 18:11,15,18,23 19:18,21,25 20:3,8,21 21:15 22:15,18 22:19 trial 13:5 trials 32:23 tried 195:14 trigger 27:12 true 180:2 199:7,10,11 247:9 248:5 truly 170:13 truth 96:10,10 96:11 136:20 136:20,21 140:25,25 141:1 152:23 152:23,24 160:8,8,9</p>
--	--	--	---

[truth - understand]

183:24,24,25 188:8,8,9 214:17,17,18 226:7,7,8 234:17,17,18 241:6,6,7 try 40:23 64:6 189:6,15 trying 110:6 166:1 168:3 171:25 189:8 201:15 tschantz 3:13 46:1,9 63:15 63:16,22 64:2 64:6,9,16 65:1 65:8,18 66:10 67:9 78:6 79:14 90:13,15 125:7 132:10 tube 108:14 tuesday 62:8 turn 27:11 95:2 95:13,15 118:23 121:3 126:3 135:20 139:5 156:6 turning 121:18 134:8 135:11 turns 230:13 tweezer 191:11 191:11,12 twist 52:18 two 15:8,10,22 15:25 16:25	24:10 28:19 31:23 34:20 49:24 54:20 72:6 91:9,10 94:4 95:14 97:4 101:23 102:14,20 112:10 123:7 126:5,8 127:10 127:11,15,24 145:10 149:8 149:15 153:22 153:24 154:22 154:24 155:14 156:10 159:19 161:15,18,24 165:22 173:6,9 173:14,17 176:13 180:10 188:20 193:22 200:9 225:7 235:19 243:10 type 169:20 179:16 184:14 184:17 185:2 185:21,22 186:1 221:22 224:8 types 114:9 typewriting 247:7 typical 53:15 179:16 240:2 typically 180:23	u u 160:1 188:2 u.s.a. 148:24 149:14 235:19 243:13,20 uh 32:5 ultimate 176:15 ultimately 101:9 112:23 173:18 unable 90:16 uncertainty 176:2 unclear 191:23 204:13 uncommitted 119:25 122:19 143:9,11,13 145:3 147:5 149:20 151:16 230:10 uncontested 15:3 28:21 29:17 under 15:8,12 22:17 29:22 30:1 39:25 84:24 109:22 119:3 120:12 121:10 127:12 128:12 131:16 139:12 141:16 141:16 143:14 143:20 144:15	146:1,14 148:9 148:21 151:17 152:7 156:19 164:19 165:7 165:13 184:2 209:16 211:10 218:20 224:20 228:14 231:23 233:15 234:23 235:10 244:20 underlying 119:25 123:10 123:23 127:16 147:6 149:21 230:14 understand 23:23 26:2,24 26:25 31:21 32:9,21 44:14 45:2 50:21 53:6,19 54:10 54:16 70:3 86:16 87:3 88:7 94:25 109:5,6 156:12 160:23 171:12 180:13 182:25 185:20 189:7,8 190:7 195:14 196:25 198:15 201:16,18 202:7 207:17 220:3 221:11 242:14,23 245:20
---	--	--	---

[understandable - volume]

understandable 193:11	161:22 215:19 215:20 230:12	upper 185:15 186:3 221:24	verbal 55:24
understanding 13:7 25:19 34:5 54:4 55:23 62:3 92:16 165:18 167:17 169:12 177:11,16 191:9 195:16 198:17,22 201:11 202:8 203:16 211:11 218:15 222:3 244:2	230:20 237:22 237:24 238:21 238:22 239:1,2 239:7	ups 169:9 199:21	versus 41:25 103:11 105:10 106:8 112:21 171:2,22 176:1
understood 213:12	units 39:25 52:21 54:20 77:10,10 145:11 173:17 189:20,21	use 125:18,18 171:22 176:14 177:17 179:9 191:25 193:14 199:7	vertical 163:13 228:6,10,16,21 229:3 239:2,3
undertook 179:6	universal 218:17	used 53:10 110:1,16 217:9	victor 4:10 6:9 158:10 159:23 160:6 190:11 191:6 193:12 203:7
unfortunately 211:25	university 137:13,15 153:8 161:9 215:9	useful 202:18	videoconfere... 5:3,4,5,6,7,8,9 5:10,11,12,13 5:14,15,16,17 5:18,19,20,21 5:22
unidentified 8:9,10,11,16,17 8:18,19,22,23 8:24,25 9:4,5 10:9,10	unmute 125:9	using 52:21 107:17 174:4 181:24 183:6 203:24	view 175:17 176:5,12 179:15 198:6
unique 122:15	unrealistic 31:10	usps 243:9,15 243:16	violation 16:1 20:13
unit 74:19 77:9 77:10 120:2,4 120:6 123:11 123:17 124:3 133:22 134:1 145:7,7 147:7 147:10 149:22 150:2 151:18	unreasonable 114:9	usual 134:15	violations 15:1
	unrelated 34:12	v	virtual 81:2
	unsuspected 112:20	v 15:2,3 16:24 96:2,3 140:19 159:23 214:11	virtually 135:18
	unwilling 223:4	valid 17:13 64:13	viscous 109:9
	update 92:24 93:9 223:25 229:14	value 180:7	visibility 62:17
	updated 92:14 92:18	valve 112:12 113:6	visual 115:8
	updates 233:5	van 5:15	vitae 20:9
	updating 114:11	vance 236:13	volume 101:14 103:12 109:10 111:11 116:8
		various 26:2	
		varying 242:4	
		vast 179:22	
		ventura 145:8 145:12,15	

[volume - withdrawn]

<p>116:13 170:11 volumes 111:22 112:1,20,21 174:19 197:1,2</p>	<p>223:22 227:5 229:7 242:13 244:8 245:14 wanted 13:20 89:14 206:3 213:6 219:7 wants 37:5 233:11 244:3 244:22 warn 132:16 water 88:24 89:2 104:24 105:2 109:9,11 190:9 way 56:13 63:19 66:9 72:10 107:16 127:9 172:13 189:7,9 190:2 196:24,25 198:6,9 202:8 237:3,4 245:15 we've 30:23 49:24 54:18 72:5 84:18 95:6 101:19 134:25 147:12 179:15 209:10 225:8 228:17 228:24 229:2 230:21 241:22 website 13:12 week 16:21 31:23 36:7 37:3 62:8</p>	<p>65:10,17 66:1 69:15 89:16 94:2 124:6 129:23 143:16 145:18 157:5 158:2 weeks 37:5 90:22 192:9 weight 92:21 wellbore 101:24 108:17 109:4 170:10 190:10 191:18 196:15 wells 15:1,5,7,9 15:10,12,13,17 15:19,22,24,25 16:2 18:24 23:22,22 25:21 40:3 63:4 83:18 97:1,4,4 101:25 103:11 104:8,10,18 107:3 108:19 110:4,5,10,17 110:20 111:4,8 111:9,15,17,21 112:10 113:14 114:10 115:12 116:12,12,24 117:1,4,7 120:5 131:2 133:25 134:2,2 145:13,16 165:3,3 166:8</p>	<p>167:23 170:15 172:1 177:8 182:17 183:6 185:4 193:23 196:25 203:18 209:7 211:6 220:2,6 221:8 224:1,7 went 104:19 135:2 west 39:25 112:7 113:14 123:24 149:22 151:19 230:14 westerheide 3:22 94:8 white 3:21 6:6 7:24 94:6,17 94:19,20 95:1 95:17,22 96:3 96:3,8 97:17 98:1 99:12,13 99:15 100:3,19 103:7,19 106:1 108:7,8 109:12 109:13,25 113:12 115:3 117:15 wie 5:15 wild 239:2 withdrawal 236:6 withdrawn 39:2</p>
<p>w</p>			
<p>w 94:24 96:4 140:19 wait 61:16 63:15 100:7 125:6 126:14 168:7 227:6 waiting 43:20 63:17 168:25 walk 122:14 wallace 5:18 walter 5:19 want 25:16 26:24 28:20 36:18 43:11 44:9,10 45:11 56:23 57:6,23 64:14 67:24 71:2,9 72:10 77:14 78:18 87:21 89:20 93:5 96:18 107:9 110:23 122:12 126:11 132:13 168:6 168:15 169:25 180:12 188:18 188:19 198:14 205:10 207:18 208:17 210:23 218:5,6 222:15</p>			

[withholdings - works]

<p>withholdings 123:6 witness 4:5,6,8 4:10,12,14,15 4:16,17,18 94:14 95:2 96:9 97:24 98:8,9 99:9,17 99:22 100:11 102:12,19 104:7 105:15 105:18 106:1,5 106:25 107:10 114:20 117:25 118:2 132:24 136:19,24 137:2,5,11,19 138:3,7,10 139:10,18,24 140:2,24 141:8 141:13 152:17 152:22 153:3,6 153:14,17,24 154:13,17 159:19 160:7 160:13,19,25 161:4,7 162:7 162:18 163:15 163:21 164:1,7 164:20,25 165:5,8,15,20 166:4,15,18,22 167:5,9,12,16 167:20 168:1 168:17,19</p>	<p>169:2,8,15,18 169:25 171:6,9 172:8,12 173:3 173:22 174:12 175:2,8,17 176:9 177:2,7 177:13,19,22 182:14,18 183:7,15,19,23 184:1,11,15,20 184:23 185:3,9 185:12,16,19 186:5,12,23 187:2,4,7,16 188:7,22 189:1 189:6,18 190:1 191:5 192:5,22 193:1,19 194:4 194:15,22 200:4,15 201:5 201:9,11,17,22 201:23 202:12 202:18 203:2,4 203:7,11,15 204:13,20,24 205:3,9,10,15 205:16,19,21 205:25 206:3,5 206:18 207:5 210:20 213:23 214:2,3,16,23 215:1,8,17,24 216:9,14,18,21 216:24 217:5 217:10,15,22</p>	<p>218:6 220:7 225:1,21 226:6 226:16,20 227:3,17,21,23 232:7,13,17 233:7,21 234:1 234:16,24 235:4 241:5,13 241:19,22 242:3,18,24 243:6,14 245:5 247:4 witness's 140:9 witnesses 6:5 31:23 40:6 45:1 59:20 60:5,13,20 74:24 81:1,4 81:16 82:1 93:23 94:4 96:13 97:20 120:9,14 126:5 127:18 133:17 138:20 145:21 147:14 152:1 157:3,17 159:15 177:24 208:18 212:19 224:23 240:12 240:18 wolfcamp 39:25 43:14,17 43:18,22 44:2 44:15,17 49:2 52:20 122:21</p>	<p>127:16 145:7 238:21 wonder 213:25 wondered 243:12 wonderful 146:23 244:15 woodford 147:11 woolley 4:6 9:19 134:11 139:19 140:4 140:10,11,14 140:14,15,18 140:19,23 141:6 word 245:14 work 13:19 19:1 65:17,25 127:5 138:4 165:8 196:25 215:15 worked 31:9 137:22 215:17 working 30:3 63:12 83:24 84:3 134:5 137:21 141:14 153:9 161:23 204:17 216:20 216:22 239:6 works 33:10 45:10 52:11 196:25</p>
---	---	---	---

[worries - zoom]

<p>worries 132:18 worry 98:11 would've 19:9 107:2,23 wozniak 3:9,18 25:3 76:14 writing 223:6 wrong 57:14 73:16 133:2 wtp 243:13,20</p>	<p>108:2,2 109:12 113:16 114:3 115:14 116:20 117:14 132:15 146:20 156:8 156:13 161:5 164:12 169:25 180:8 183:7 185:16 198:23 198:24 204:16 206:17 207:23 207:25 213:2,9 219:18 220:11 221:12,14 223:13 233:1 238:6 240:1,23 244:6,14 245:2</p>	<p>144:1 145:19 236:7 yielding 176:17 yula 4:14 6:11 158:24 188:2,6 yup 94:21 229:13</p>
x		z
<p>x 6:1 7:1 8:1 9:1 10:1 11:1 12:1 xto 8:15 25:3,4 121:14,16,20 121:24 122:18 122:24 123:1,9 123:19,21 124:14 125:25 128:7</p>	<p>year 110:21 111:19,20 161:15,25 170:4 177:7 209:6</p>	<p>z 160:1 zero 173:13 zone 113:13 228:25 zoom 18:19</p>
y		
<p>y 140:19 188:2 yates 5:10 yeah 23:21 27:5 29:1 30:13 31:5,19 43:6 59:15 61:15 71:12 74:15 75:10 78:16 90:18 94:18 99:14 102:19 104:12 105:8,16 106:5</p>	<p>years 17:4 92:10,13 100:24 114:7 137:9,21 153:10,18,23 153:24 161:18 161:24 yellow 185:23 yeso 119:25 yesterday 18:3 55:22 62:24 90:15,17 120:8 120:19 125:10</p>	