

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

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

AMENDED APPLICATION OF MARATHON OIL                      CASE NO. 16214  
PERMIAN, LLC FOR THE CREATION OF A  
NONSTANDARD SPACING AND PRORATION UNIT  
AND COMPULSORY POOLING, EDDY COUNTY,  
NEW MEXICO.

REPORTER'S TRANSCRIPT OF PROCEEDINGS

EXAMINER HEARING

October 4, 2018

Santa Fe, New Mexico

BEFORE:   MICHAEL McMILLAN, CHIEF EXAMINER  
          PHILLIP GOETZE, TECHNICAL EXAMINER  
          DAVID K. BROOKS, LEGAL EXAMINER

This matter came on for hearing before the New Mexico Oil Conservation Division, Michael McMillan, Chief Examiner, Phillip Goetze, Technical Examiner, and David K. Brooks, Legal Examiner, on Thursday, October 4, 2018, at the New Mexico Energy, Minerals and Natural Resources Department, Wendell Chino Building, 1220 South St. Francis Drive, Porter Hall, Room 102, Santa Fe, New Mexico.

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APPEARANCES

FOR APPLICANT MARATHON OIL PERMIAN, LLC:

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1 (9:07 a.m.)

2 EXAMINER McMILLAN: How about 16214?

3 MS. BRADFUTE: Yes, we can do that.

4 EXAMINER McMILLAN: Let's call Case Number  
5 16214, amended application of Marathon Oil Permian, LLC  
6 for the creation of a nonstandard spacing and proration  
7 unit and compulsory pooling, Eddy County, New Mexico.  
8 Call for appearances.

9 MS. BRADFUTE: Mr. Examiner, Jennifer  
10 Bradfute with the Modrall, Sperling Law Firm, on behalf  
11 of Marathon Oil Permian, LLC. And I have two witnesses  
12 here with me today.

13 EXAMINER McMILLAN: Okay. Please proceed.  
14 (Mr. Tate and Mr. Baker sworn.)

15 MS. BRADFUTE: Mr. Examiner, this case was  
16 presented initially to the Division on June 28th, and  
17 then Marathon amended its application due to a depth  
18 severance located within the Bone Spring Formation where  
19 the well was going to be drilled. And then we put on a  
20 witness during the September 6th docket, and the  
21 Division asked that we bring back another landman to  
22 testify about the depth severances, as well as a  
23 geologist to put on technical information. The exhibits  
24 are fairly short. They're tailored to specific issues  
25 that came up during that last hearing in this matter,

1 and that's why we have witnesses that are here today.

2 EXAMINER McMILLAN: Okay. Please proceed.

3 MS. BRADFUTE: Thank you.

4 MATT TATE,

5 after having been previously sworn under oath, was  
6 questioned and testified as follows:

7 DIRECT EXAMINATION

8 BY MS. BRADFUTE:

9 Q. Could you please state your name for the  
10 record?

11 A. Matt Tate.

12 Q. And, Mr. Tate, who do you work for?

13 A. Marathon Oil Company.

14 Q. And what is your position at Marathon?

15 A. Landman on our Permian Asset Team.

16 Q. Okay. And have you previously testified before  
17 the Division?

18 A. Yes.

19 Q. And have your credentials been accepted as part  
20 of the record?

21 A. Yes, they were.

22 Q. Mr. Tate, did you testify in this matter on  
23 June 28th?

24 A. Yes.

25 Q. And are you familiar with the status of the

1 lands which are the subject matter of Marathon's  
2 application in this case?

3 A. Yes.

4 MS. BRADFUTE: I'd like to tender Mr. Tate  
5 as an expert witness in land matters.

6 EXAMINER McMILLAN: So qualified.

7 Q. (BY MS. BRADFUTE) Mr. Tate, could you please  
8 explain what Marathon seeks in its application for the  
9 6H well just to refresh the hearing examiner's memory in  
10 this case?

11 A. We seek to create a 480-acre spacing unit  
12 covering the Bone Spring Formation located in the  
13 southeast quarter of Section 25 and the east half of  
14 Section 36, Township 24 South, Range 28 East, and the  
15 compulsory pooling of any uncommitted working interests  
16 located in the spacing unit.

17 Q. And Marathon subsequently amended its  
18 application in this matter to limit the depths of the  
19 spacing unit they requested, correct?

20 A. Yes, we did.

21 Q. Okay. If you could look in the packet in front  
22 of you at what's been marked as Exhibit 16 in this case,  
23 is this an instrument that shows at least part of  
24 Marathon's interest that were created in the spacing  
25 unit?

1 A. Yes, it does.

2 Q. Okay. And if you could please turn to the very  
3 last page of this exhibit, this is Exhibit A to that  
4 instrument, correct?

5 A. It is, yes.

6 Q. Does Exhibit A explain the depth severance  
7 that's located within this acreage?

8 A. Yes, it does.

9 Q. And could you please explain that to the  
10 hearing examiners?

11 A. Yes. This creates a depth severance located at  
12 7,300 feet subsurface, being the base of the Bone Spring  
13 Lime Formation.

14 EXAMINER BROOKS: Let me see. Is this  
15 Exhibit 16? That's the first thing that shows up in  
16 this.

17 MS. BRADFUTE: It is. It is. So it's just  
18 a continuation of the numbering in the other exhibits  
19 that have been taken into the record for this matter.

20 EXAMINER BROOKS: Okay.

21 MS. BRADFUTE: And it's the very last page.

22 EXAMINER BROOKS: Thank you.

23 MS. BRADFUTE: Yes.

24 Q. (BY MS. BRADFUTE) So the last page of Exhibit  
25 16 outlines where the depth severance is located,

1 correct?

2 A. Yes, it does.

3 Q. And it states that it's located at 7,300 feet  
4 subsurface; is that right?

5 A. Yes. Yes.

6 Q. And that's listed in this instrument as being  
7 the base of the Bone Spring Lime Formation?

8 A. That's correct.

9 Q. And it's tied to a particular well log that the  
10 parties reference within this document, correct?

11 A. Yes, the Craft 25 Com #1 well, API Number  
12 30-015-24922.

13 Q. Okay. Great.

14 If you could please turn to the next  
15 exhibit in this packet in front of you which is marked  
16 as Exhibit 17, does this exhibit have a diagram of the  
17 different formations and outline where this depth  
18 severance is located?

19 A. Yes, it does.

20 Q. And could you please walk through this diagram  
21 for the hearing examiners?

22 A. Yes.

23 So this exhibit shows the subsurface  
24 ownership underlying our Southern Comfort State 6H  
25 spacing unit and the location of where the depth

1 severances have been created.

2 Under Group A Ownership, ownership extends  
3 from the surface down to the base of the Delaware  
4 Formation.

5 Under Group B Ownership, the ownership  
6 extends from the base of the Delaware Formation down to  
7 7,300 feet or the base of the Bone Spring Lime  
8 Formation.

9 And then Group C Ownership extends as to  
10 all those depths located below the base of the Bone  
11 Spring Lime Formation or 7,300 feet.

12 Q. And when you designated these groups of  
13 ownership, you looked at title reports that have been  
14 prepared for the acreage?

15 A. Yes, we did.

16 Q. Okay. And so there are three different groups  
17 of owners based on the title records that you've  
18 reviewed?

19 A. Correct.

20 Q. There is Group A, which is a group of ownership  
21 not at issue in this application, correct?

22 A. Correct.

23 Q. And then there is Group B, which has an  
24 ownership group that is just in the Bone Spring Lime  
25 Formation?

1 A. Yes.

2 Q. And then there is a different ownership group,  
3 Group C, for the deeper depths?

4 A. That's correct.

5 Q. And at issue here for this application are the  
6 Bone Spring depths of 7,300 feet subsurface going down  
7 to 9,560 feet subsurface?

8 A. Yes.

9 Q. Okay. Mr. Tate, were Exhibits 16 and 17  
10 prepared by you, compiled under your supervision and  
11 direction or taken from company business records?

12 A. Yes, they were.

13 Q. Okay.

14 MS. BRADFUTE: I'd like to tender Exhibits  
15 16 and 17 into the record.

16 EXAMINER McMILLAN: Exhibits 16 and 17 may  
17 now be accepted as part of the record.

18 (Marathon Oil Permian, LLC Exhibit Numbers  
19 16 and 17 are offered and admitted into  
20 evidence.)

21 MS. BRADFUTE: Okay. And that concludes my  
22 questions for Mr. Tate.

23 EXAMINER McMILLAN: Go ahead.

24

25

1 CROSS-EXAMINATION

2 BY EXAMINER BROOKS:

3 Q. In the case of this depth severance -- what  
4 depth is your well going to be in reference to this  
5 depth severance, in the well you're now proposing?

6 A. I believe our well will be --

7 MS. BRADFUTE: And we're going to have a  
8 geologist, Mr. Brooks, that'll talk about that.

9 EXAMINER BROOKS: And the geologist will  
10 talk about the depth of the well?

11 MS. BRADFUTE: Yes.

12 EXAMINER BROOKS: I may have to bring the  
13 land representative back up once we have the geologist  
14 testify. I think I'll reserve my questions for the --  
15 for the landman because the only thing I really have  
16 question about is the depth severance, and I really need  
17 to know what the relationship is before I question that.  
18 So I will reserve the right to recall the land witness.

19 MS. BRADFUTE: Fair enough.

20 EXAMINER BROOKS: It amuses me sometimes  
21 watching television shows about trials that they have  
22 somebody reserve the right to recall a witness when they  
23 probably don't even have that right in the first place.  
24 I don't know how you can reserve a right you don't have.  
25 That's what I'm going to do anyway (laughter).

1 MS. BRADFUTE: Okay (laughter).

2 EXAMINER McMILLAN: I don't have any  
3 questions.

4 MS. BRADFUTE: Okay.

5 Okay. Thank you, Mr. Tate.

6 THE WITNESS: Thank you.

7 MS. BRADFUTE: I'd like to call my second  
8 witness.

9 EXAMINER McMILLAN: Please proceed.

10 MATT BAKER,

11 after having been previously sworn under oath, was  
12 questioned and testified as follows:

13 DIRECT EXAMINATION

14 BY MS. BRADFUTE:

15 Q. Could you please state your name for the  
16 record?

17 A. Matt Baker.

18 Q. And, Mr. Baker, who do you work for?

19 A. Marathon Oil.

20 Q. And what is your position at Marathon?

21 A. I am a development geologist on the Permian  
22 Asset Team.

23 Q. And have you previously testified before the  
24 Division?

25 A. No.

1           **Q.    Could you please explain your educational**  
2 **background to the hearing examiners?**

3           A.    Yes.  I graduated from the University of  
4 Minnesota with a Bachelor of Science in Geology and a  
5 Bachelor of Science in Geophysics, and I graduated from  
6 the University of Kansas with a Master's in Geology.

7           **Q.    And could you please briefly explain your work**  
8 **experience?**

9           A.    Yeah.  I've been at Marathon for almost six  
10 years.  During that time, I've been an operations  
11 geologist, as well as done some geophysics work and as a  
12 development geologist for different assets.

13          **Q.    And are you familiar with the application**  
14 **that's been filed by Marathon in Case 16214?**

15          A.    Yes, I am.

16          **Q.    And are you familiar with the status of the**  
17 **lands which are included within the spacing unit which**  
18 **is the subject matter of this application?**

19          A.    Yes.

20          **Q.    And have you conducted a geologic study of the**  
21 **Bone Spring Formation underlying the spacing unit in**  
22 **this application?**

23          A.    Yes, I have.

24          **Q.    And have you prepared some exhibits as part of**  
25 **your study?**

1           A.     I have.

2                         MS. BRADFUTE:   I'd like to tender Mr. Baker  
3 as an expert witness in petroleum geology matters.

4                         EXAMINER McMILLAN:   So qualified.

5           Q.     (BY MS. BRADFUTE) Mr. Baker, if you could look  
6 at Exhibit 17, which Mr. Tate just testified about,  
7 there is a log that's located on the right-hand portion  
8 of this exhibit.  Could you please explain what that log  
9 is and what it shows?

10           A.     Yes.  This is the Craft 25 Com 1, which was the  
11 well used and referenced by the depth severance.  
12 Highlighted in green on the log, it conforms to the  
13 Delaware Mountain Group.  The Bone Spring Lime is  
14 highlighted in pink, going from the formation tops of  
15 the Bone Spring, labeled BSPG, down to the top of the  
16 1st Bone Spring Sand or the base of the Bone Spring  
17 Lime.  And then everything below that highlighted in  
18 blue is part of the Bone Spring Formation down to the  
19 top of the Wolfcamp.

20           Q.     Okay.  And this log for the Craft 25 Com well  
21 is the log that's referenced in the instruments which  
22 are used to state where the depth severance is located,  
23 correct?

24           A.     Correct.

25           Q.     And that is why you have selected that log for

1     **this exhibit, correct?**

2           A.     Yes.

3           **Q.     And if you could please turn to the next**  
4 **exhibit, which is Exhibit 18, could you please identify**  
5 **what this document is?**

6           A.     This is a reference map that I put together.  
7     It's overlaid on the top of the Wolfcamp structure map  
8     in TVD subsea. I've indicated the Craft 25 Com 1 well  
9     as one of the type logs, as well as the Queen Lake 36  
10    State 1 as another type log which is on the unit. The  
11    well in question, the Southern Comfort TB 6H, is drawn  
12    in red for your reference.

13          **Q.     Thank you.**

14                   **And previously, in the earlier hearings on**  
15 **this matter, there was also a structure map and cross**  
16 **section which were entered into evidence and that people**  
17 **asked questions about at that point in time as well; is**  
18 **that correct?**

19          A.     Yes, ma'am.

20          **Q.     If you could please turn to the next exhibit,**  
21 **Exhibit 19, could you please explain what this exhibit**  
22 **is and what it shows?**

23          A.     Yes. This is a cross section that I put  
24    together between the Craft 25 Com 1 and the Queen Lake  
25    36 State 1 that I showed on the previous reference map,

1 as well as kind of a cartoon drawing of the Southern  
2 Comfort State TB 6H drawn in black there to represent  
3 the horizontal wellbore.

4 On the left, you will see, on the Craft 25  
5 Com 1, the base of the Bone Spring Lime indicated at  
6 7,300 feet TVD, which represents the base of the depth  
7 severance in question. And you'll notice that the well  
8 here is drilled towards the base of the 3rd Bone Spring  
9 Sand just above the top of Wolfcamp.

10 **Q. And what is the depth that the proposed well is**  
11 **going to be drilled at?**

12 A. This well would be drilled at approximately  
13 9,550 feet TVD.

14 **Q. Okay. And there is approximately 2,300 feet of**  
15 **rock in between the base of the Bone Spring Lime and**  
16 **where the well will be located?**

17 A. That is correct.

18 **Q. Okay. In looking at this diagram, there are**  
19 **some blue blocks located near the center of the logs**  
20 **that are shown. What do those blue blocks represent?**

21 A. I drew those in there to represent the large  
22 blocky limestones that provide fracture barriers between  
23 each of the sands in the Bone Spring interval. So we  
24 have a very large blocky limestone between the 1st Bone  
25 Spring Sand and the 2nd Bone Spring Sand, as well as a

1 large limestone fracture barrier between the 2nd Bone  
2 Spring Sand and the 3rd Bone Spring Sand, as well as  
3 some thinner interbedded limestones between these two  
4 sands that could act as fracture barriers.

5 **Q. In your opinion, will these fracture barriers**  
6 **prevent the well -- the 6H well from obtaining**  
7 **hydrocarbons from the Bone Spring Limestone?**

8 A. Yes.

9 **Q. So is your opinion that there will be no**  
10 **contribution from the Bone Spring Lime Formation in the**  
11 **6H well?**

12 A. Yes, that is correct.

13 **Q. Okay. And if you could please turn to the next**  
14 **exhibit, Exhibit 20, could you please explain what this**  
15 **exhibit is and what it shows?**

16 A. Yeah. This is kind of a cartoon depiction  
17 based on one of our frac models that we ran from our  
18 Cypress pilot hole. This is kind of a -- the log in the  
19 middle is from the Craft 25 Com 1. It's kind of a  
20 zoomed-in image of the 3rd Bone Spring Sand and top of  
21 the Wolfcamp. You'll see the black arrow indicating  
22 where the Southern Comfort State TB 6H will be  
23 targeting, at the base of the 3rd Bone Spring Sand.  
24 Around there, kind of a little egg diagram, the blue  
25 represents kind of the average numbers for a hydraulic

1 frac height, and the dashed orange lines represent the  
2 propped SRV, or stimulated rock volume, which is  
3 essentially the effective frac height that we will be  
4 producing from based on our models.

5 Q. So is it your opinion that this exhibit shows  
6 that fractures used to complete the 6H well will not go  
7 into or anywhere near the Bone Spring Lime zone?

8 A. That is correct.

9 Q. Mr. Baker, in your opinion, is Marathon's  
10 application in the interest of preventing waste and  
11 protecting correlative rights?

12 A. Yes.

13 Q. And were Exhibits 18 through 20 prepared by you  
14 or compiled under your supervision and direction?

15 A. Yes. They were prepared by me.

16 MS. BRADFUTE: I would like to tender  
17 Exhibits 18 through 20 into the record.

18 EXAMINER McMILLAN: Exhibits 18 through 20  
19 may now be accepted as part of the record.

20 (Marathon Oil Permian, LLC Exhibit Number  
21 18 through 20 are offered and admitted into  
22 evidence.)

23 MS. BRADFUTE: And that concludes my  
24 questions of Mr. Baker.

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## CROSS-EXAMINATION

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BY EXAMINER BROOKS:

Q. So you are 2,000-however-many feet below the depth severance?

A. Correct.

Q. Now, I would tend to construe -- although it's not entirely clear, I would tend to construe this depth severance that was pointed out to me, of course, in examination of the land witness, as meaning that the depth severance is at the stratigraphic equivalent of the log marker described rather than fixed at 7,300 feet, although, like I say, that's -- that's -- it could be construed various ways.

MS. BRADFUTE: Yeah. It references the 7,300 feet. So earlier in this case, Primero -- and this is actually taken from their pre-hearing statement -- had entered an appearance, and they asked for the spacing unit to be limited to 7,300 feet. So both parties, Marathon and Primero, have interpreted it as being 7,300 feet. But there are logs obviously included in the exhibits, including Exhibit 19, which take the Craft 25 Com 1, which is the log referenced in the instrument, and then it also looks at the log from the Queen Lake 36 State 1, David, if that helps answer your question.

1 EXAMINER BROOKS: It does sort of. You're  
2 saying the parties have put a practical construction on  
3 this to the effect that it's actually 7,300 feet fixed,  
4 not the stratigraphic equivalent?

5 MS. BRADFUTE: That is my understanding.  
6 Yes.

7 EXAMINER BROOKS: Okay. What does  
8 Primero -- what is your ownership? Do I need to ask  
9 that question of the land witness or --

10 MS. BRADFUTE: Yes. That would be a  
11 land-witness question.

12 EXAMINER BROOKS: I thought it would be a  
13 land-witness question, but sometimes attorneys answer  
14 questions.

15 MS. BRADFUTE: And I just did (laughter).  
16 If you would like us to recall the land witness, we  
17 will.

18 EXAMINER BROOKS: Okay. I think I am going  
19 to anyway, but I have more questions of the geologic  
20 witness before we do that.

21 MS. BRADFUTE: Okay.

22 Q. (BY EXAMINER BROOKS) Well, you're well below  
23 that 7,300 feet.

24 A. Yes, sir.

25 Q. So you testified, did you not, that those frac

1 barriers provided by the limestone are sufficient to  
2 prevent the fracs from the intended completion --

3 A. Yes, sir.

4 Q. -- to get anywhere close to that 7,300 feet?

5 A. Yeah. They will not get that shallow.

6 Q. Object. And you have studied the completion  
7 plans for this well?

8 A. Yes, I have.

9 Q. Okay. I'm not -- the 1st Bone Spring is  
10 where you said -- I'm looking at Exhibit 19 where it  
11 says "FBSG." That's the 1st Bone Spring?

12 A. Correct. The 1st Bone Spring Sand, yes.

13 Q. Okay. And then between the two limestone frac  
14 barriers is the 2nd Bone Spring?

15 A. Correct.

16 Q. And then the bottom is the 3rd Bone Spring?

17 A. Correct.

18 Q. Now, the question here is twofold. First of  
19 all, what -- and this is really for the lawyer.

20 EXAMINER BROOKS: What depth are you asking  
21 for the spacing unit to be pooled? What depths in the  
22 spacing unit are you asking to be pooled for purposes of  
23 this well?

24 MS. BRADFUTE: The purpose of this well,  
25 it's in the amended application, and it's from 7,300

1 feet to 9,560 feet.

2 EXAMINER BROOKS: Okay. But if you were --  
3 so I'll ask my geologic witness this rather than the  
4 lawyer.

5 Q. (BY EXAMINER BROOKS) If the operator were to  
6 propose an infill well in the area between 7,300 feet  
7 and the top of the limestone fracture barrier you show  
8 here with about 7,800 feet -- is that 7,800 or 7,600?  
9 My eyes aren't that good.

10 A. I believe it's 7,600.

11 Q. Okay. If they were to propose a well -- a 1st  
12 Bone Spring well in this unit as an infill, your  
13 testimony that frac -- fracking would not penetrate the  
14 Bone Spring Lime would not be applicable, would it?

15 A. Correct.

16 Q. Because there is no frac barrier?

17 A. Correct.

18 Q. Now, if they were to propose a 2nd Bone Spring  
19 infill, would the rather thick lime barrier shown  
20 between the 1st Bone Spring and the 2nd Bone Spring be  
21 adequate to prevent penetration of the -- of the lime by  
22 the fractures?

23 A. Yes. Yes, it would. Yes.

24 Q. And I understand that fractures -- I've heard  
25 testimony to the fact in the past that fractures

1 actually will penetrate further than they will draw?

2 A. Correct. So that --

3 Q. You agree with that?

4 A. Yes.

5 Q. Okay. Good.

6 So if we were to limit this compulsory  
7 pooling to the top of the 2nd Bone Spring, then your  
8 testimony would be applicable to any well that might be  
9 drilled within -- in this spacing unit --

10 A. To the top of the 2nd Bone Spring Sand?

11 Q. Yes.

12 A. Yes.

13 Q. That it would not penetrate neither the --  
14 neither naturally nor with the assistance of the  
15 completion methods, that it would bring -- it would not  
16 bring in any -- any hydrocarbons that might be in the  
17 Bone Spring Lime?

18 A. Yes.

19 MS. BRADFUTE: Yeah. And then the --  
20 David -- Mr. Brooks, if you're thinking about this,  
21 there could be a limitation on if there was a subsequent  
22 well in the 1st Bone Spring Sand, that they would need  
23 to come back to hearing, and they couldn't propose it as  
24 an infill well.

25 EXAMINER BROOKS: I think that would be a

1 necessary corollary based on the testimony we've heard.

2 MS. BRADFUTE: Uh-huh.

3 EXAMINER BROOKS: So I don't think it's  
4 really necessary to recall the land witness. I think I  
5 understand the situation.

6 MS. BRADFUTE: Okay.

7 EXAMINER McMILLAN: So if I'm understanding  
8 this, you're saying you can drill an infill in the 2nd  
9 Bone Spring but not the 1st?

10 MS. BRADFUTE: Yes. We would need to come  
11 back to hearing for the 1st.

12 EXAMINER BROOKS: Based on the testimony  
13 of -- the witness' testimony, I think that would be an  
14 appropriate --

15 MS. BRADFUTE: There would be language in  
16 the order.

17 EXAMINER BROOKS: -- would be an  
18 appropriate thing to provide in the order because his  
19 testimony is not applicable to the 1st Bone Spring.

20 MS. BRADFUTE: Yes.

21 EXAMINER BROOKS: I think we would all  
22 agree that if the Division ever does adopt vertical  
23 setbacks, they would probably be less than 2,300 feet.

24 MS. BRADFUTE: Yes. We hope so (laughter).

25 EXAMINER BROOKS: Thank you. That's all I

1 have.

2 EXAMINER McMILLAN: I think you've  
3 answered -- he asked all the geologic questions I had.

4 EXAMINER McMILLAN: Anything, Phil?

5 EXAMINER GOETZE: No questions. Thank you.

6 MS. BRADFUTE: With that, we'd ask this  
7 case be taken under advisement.

8 EXAMINER McMILLAN: Case Number 16214 will  
9 be taken under advisement.

10 MS. BRADFUTE: Thank you.

11 EXAMINER McMILLAN: Let's take a -- come  
12 back at quarter till.

13 (Case Number 16214 concludes, 9:31 a.m.)

14 (Recess, 9:31 a.m. to 9:46 a.m.)

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1 STATE OF NEW MEXICO  
2 COUNTY OF BERNALILLO

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4 CERTIFICATE OF COURT REPORTER

5 I, MARY C. HANKINS, Certified Court  
6 Reporter, New Mexico Certified Court Reporter No. 20,  
7 and Registered Professional Reporter, do hereby certify  
8 that I reported the foregoing proceedings in  
9 stenographic shorthand and that the foregoing pages are  
10 a true and correct transcript of those proceedings that  
11 were reduced to printed form by me to the best of my  
12 ability.

13 I FURTHER CERTIFY that the Reporter's  
14 Record of the proceedings truly and accurately reflects  
15 the exhibits, if any, offered by the respective parties.

16 I FURTHER CERTIFY that I am neither  
17 employed by nor related to any of the parties or  
18 attorneys in this case and that I have no interest in  
19 the final disposition of this case.

20 DATED THIS 25th day of October 2018.

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23 MARY C. HANKINS, CCR, RPR  
24 Certified Court Reporter  
New Mexico CCR No. 20  
Date of CCR Expiration: 12/31/2018  
Paul Baca Professional Court Reporters

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