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                              APPEARANCES
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     FOR APPLICANT MATADOR PRODUCTION COMPANY:
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     FOR COG OPERATING, LLC:
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11
    ALSO PRESENT:
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                     Ocean Munds-Dry, Esq.
                     Dana Arnold, Esq.
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the Examiners by whom you are employed and in what

Q.

- 1 capacity.
- 2 A. Chris Carleton, employed by Matador Resources
- 3 Company as a landman.
- 4 Q. Have you previously testified before the
- 5 Division?
- 6 A. Yes.
- 7 Q. Were your credentials as a petroleum landman
- 8 accepted and made a matter of record?
- 9 / A. Yes.
- 10 Q. Are you familiar with the application filed in
- 11 this case?
- 12 A. Yes.
- Q. Are you familiar with the status of the lands
- 14 in the subject area?
- 15 A. Yes.
- MS. KESSLER: Mr. Examiners, I tender
- 17 Mr. Carleton as an expert in petroleum land matters.
- EXAMINER JONES: Any opposition?
- MR. CARR: No.
- 20 EXAMINER JONES: Mr. Carlton is qualified
- 21 as an expert in land matters.
- Q. (BY MS. KESSLER) Mr. Carleton, can you please
- 23 turn to Exhibit 1? Identify this exhibit and explain
- 24 what you're seeking under this application.
- 25 A. This is a Midland map that has the spacing unit

- 1 for the Zach McCormick Fed Com #226H outlined in red.
- 2 The lands hatched in blue are federal minerals, and the
- 3 rest of the lands that are not hatched are fee minerals.
- 4 And we're seeking to pool the uncommitted interests in
- 5 the spacing unit.
- Q. And that spacing unit will be dedicated to the
- 7 Zach McCormick Fed Com #226H wells; is that correct?
- 8 A. That is correct.
- 9 Q. And you mentioned that there are federal and
- 10 fee lands in this acreage?
- 11 A. That is correct.
- 12 Q. What is Exhibit 2?
- 13 A. Exhibit 2 is our C-102. This is the Zach
- 14 McCormick Fed Com #226 designated the Pierce Crossing;
- 15 Wolfcamp; Northwest Gas Pool, Pool Code 96712.
- 16 Q. The spacing unit is comprised of the north half
- of Section 18; is that correct?
- 18 A. That is correct.
- 19 Q. And 24 South, 28 East?
- 20 A. Yes.
- 21 Q. And you mentioned that the Division has
- designated the Pierce Crossing pool. Is this pool
- 23 subject to statewide rules for gas wells?
- A. Yes. And we're seeking a nonstandard location,
- 25 which will be filed administratively, separately, take

- 1 point to 330 from the hard line.
- 2 Q. That has not been requested in the case before
- 3 the Division today; is that correct?
- 4 A. That is correct.
- 5 Q. Does Exhibit 3 identify the interest owners in
- 6 the spacing unit?
- 7 A. Yes. And we're seeking to pool COG Operating,
- 8 LLC and Concho Oil & Gas, LLC.
- 9 Q. Are those working interest owners?
- 10 A. Yes.
- 11 Q. Is Exhibit 4 a copy of the letter that you sent
- 12 to Concho along with an AFE?
- 13 A. Yes. We sent our well-proposal letter, dated
- 14 August 29, 2016, and the AFE for approximately 6.5
- 15 million.
- 16 O. Are the costs reflected on this AFE consistent
- 17 with what other operators in the area charge for similar
- 18 wells?
- 19 A. Yes.
- 20 Q. And have you estimated overhead and
- 21 administrative costs while drilling and producing this
- 22 well?
- 23 A. Yes. We're seeking 7,000 while drilling and
- 24 700 while producing.
- 25 Q. Are those costs similar to what other operators

- in the area are charging?
- 2 A. Yes.
- 3 Q. Do you ask that those administrative costs be
- 4 incorporated into any order resulting from this hearing?
- 5 A. Yes.
- 6 Q. And do you ask that it be adjusted according to
- 7 the appropriate accounting procedures?
- 8 A. Yes.
- 9 Q. With respect to the uncommitted working
- 10 interest owners, do you request that the Division impose
- 11 , a 200 percent risk penalty?
- 12 A. Yes.
- 13 Q. In addition to sending this well-proposal
- 14 letter, what other efforts did you undertake to reach an
- 15 . agreement with Concho?
- A. We've met with their landman in Midland and had
- 17 several phone calls and emails, and we're still working
- 18 to achieve a deal. And if we do, we will remove them
- 19 from the order.
- 20 Q. Looking at Exhibit 5, did Concho receive notice
- 21 of this hearing?
- 22 A. Yes.
- 23 Q. And it looks like the first page of Exhibit 5
- 24 is an Affidavit of Publication; is that correct?
- 25 A. Yes.

- 1 Q. Is the second page of Exhibit 5 an affidavit
- 2 with an attached letter from my office providing notice
- 3 of this hearing to Concho?
- 4 A. Yes.
- 5 Q. And looking two pages later, it looks like the
- 6 green card was returned?
- 7 . A. Yes.
- Q. Were Exhibits 1 through 4 prepared by you or
- 9 compiled under your direction and supervision?
- 10 A. Yes.
- MS. KESSLER: Mr. Examiners, I'd move
- 12 Exhibits 1 through 5, including my affidavits.
- MR. CARR: No objection.
- 14 EXAMINER JONES: 1 through 5 are admitted.
- 15 (Matador Production Co. Exhibit Numbers 1
- 16 through 5 are offered and admitted into
- 17 evidence.)
- 18 EXAMINER JONES: Mr. Carr?
- MR. CARR: I have no questions.
- 20 CROSS-EXAMINATION
- 21 BY EXAMINER JONES:
- 22 Q. The newspaper notice, why did we do a newspaper
- 23 notice in this case?
- 24 A. Double suspenders, in case we didn't get the
- 25 green card back.

- 1 Q. Okay. Okay. So you're still trying to reach
- 2 an agreement?
- 3 A. That's correct.
- 4 Q. And is it last-of-the-year budget issues or
- 5 something or --
- 6 A. I think Concho has several things going on
- 7 right now, so they're just still working through it.
- 8 Q. Okay. But Concho Oil & Gas, LLC, that's -- is
- 9 that the leasing arm of the --
- 10 A. I'm not sure how their entities are separated.
- 11 Q. But that's the way it was listed?
- 12 A. That's the way the title came out. Yup.
- 13 Q. So you have a clear indication of what the
- 14 title is?
- 15 A. Yes.
- Q. And why would -- why would these three 40-acre
- 17 tracts be fee and the rest of it be federal? How did
- 18 that happen?
- 19 A. Yeah. It's just how the pads were issued by
- 20 the government. It's just kind of odd how these things
- 21 / shake out.
- 22 Q. Is this the river -- I wonder if a river runs
- 23 through this.
- 24 A. Yeah. The Pecos runs through this. Uh-huh.
- 25. We need to get an off-lease location because of that,

-25

Α.

They were.

- 1 Q. Are you familiar with the application filed by
- 2 Matador in this case?
- 3 A. Yes.
- 4 Q. And have you conducted a geologic and technical
- 5 study of the Wolfcamp in this subject area?
- 6 A. Yes.
- 7 MS. KESSLER: I would tender the witness as
- 8 an expert in petroleum engineering.
- 9 EXAMINER JONES: Any objection?
- MR. CARR: No.
- 11 EXAMINER JONES: She is so qualified.
- 12 Q. (BY MS. KESSLER) Let's turn to Exhibit 6, and
- 13 identify Exhibit 6 for the Examiners, please.
- 14 A. Yes. Exhibit 6 is one of our locator maps.
- 15 Here we see the Zach McCormick approximate area in
- 16 yellow, highlighted in red.
- 17 O. What is Exhibit 7?
- 18 A. Exhibit 7 shows our structure map. We see
- 19 that 320 project area in the north half of the section
- 20 there. The surface hole, as Chris previously mentioned,
- 21 off location to the west, bottom hole designating to the
- 22 east shown by the circle there. Here we have, in a
- 23 purple line, our cross-section map view denoting the
- 24 wells that we've chosen to exemplify this well with. We
- 25 see A to A prime there, cross lateral, as best we could

- 1 for the well control in this area.
- 2 The structure map shows the top of the
- 3 Wolfcamp in a subsea depth and similar sort of 1-to-2
- 4 degree dip from the west, going into the east, similar
- 5 for this area.
- 6 Q. Based on the structure of this area, have you
- 7 identified any geologic hazards to drilling a horizontal
- 8 well?
- 9 A. No major geologic hazards that are known to
- 10 date.
- 11 Q. And do you consider the wells used on the A to
- 12 A prime line representative of wells in this area?
- 13 A. Yes.
- 14 Q. What is Exhibit 8?
- 15 A. Exhibit 8 shows that cross section of those
- 16 wells shown on the previous exhibit. We have shown a
- 17 thickness of the Wolfcamp in this area around 2,100
- 18 feet. Where the Jack McCormick is planned to be
- 19 drilled, we show the red planned lateral path there.
- Q. And Exhibit 9, is this a gross isopach map of
- 21. the area?
- 22 A. Yes. So we're mapping out the thickness in the
- 23 area. We'll see thickness change maybe of 50 feet in
- 24; the area around 2,100, as mentioned before. Very
- 25 continuous studies of this map would show us that,

- 1 again, there are no major geologic hazards that we know
- 2 of in the area, no pinch-outs in the Wolfcamp as a zone
- 3 and that we do believe that horizontal drilling is the
- 4 best way to produce the Wolfcamp in this area, resulting
- 5 in the greatest EUR, with the least waste, and that each
- 6 quarter-quarter section in this would be expected to
- 7 produce similarly.
- Q. Is Exhibit 10 a schematic showing the
- 9 perforation points for this interval?
- 10 A. Yes. They are -- we are planning to perforate
- 11 no closer than 330 feet from the east and west lines of
- 12 this section.
- 13 Q. And, again, Matador has applied
- 14 administratively for an unorthodox location?
- 15 A. Correct.
- 16 Q. In your opinion, will granting Matador's
- 17 application be in the best interest of conservation, for
- 18 the prevention of waste and the protection of
- 19 correlative rights?
- 20 A. Yes, I do.
- Q. Were Exhibits 7 through 10 prepared by you or
- 22 under your direction and supervision?
- ,23 A. Yes.
- MS. KESSLER: Mr. Examiners, I would move
- 25 admission of Exhibits 7 through 10.

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1	EXAMINER JONES: Any objection, Mr. Carr?
2	MR. CARR: No questions.
3	MS. MUNDS-DRY: No objection.
4	EXAMINER WADE: Any questions?
5	MR. CARR: I have no questions.
6	EXAMINER JONES: Exhibits 7 through 10; is
7	that correct?
8	MS. KESSLER: Correct.
9	EXAMINER JONES: 7 through 10 are admitted.
10	(Matador Production Co. Exhibit Numbers 7
11	through 10 are offered and admitted into
12	evidence.)
13	CROSS-EXAMINATION
14	BY EXAMINER JONES:
1.5	Q. Appreciate you coming up here, even though it's
16	one spacing unit we're talking about, but still.
-17 _.	A. One at a time.
18	Q. It is an issue with the horizontal wells, and
19	it's nice to have an expert that talks about it.
20	So, again, the geology was done by a
21	geologist working with you or
22	A. Yes.
23	Q. And this the actual are you guys thinking
24	about multiple targets within the Wolfcamp, or is this
25	Upper is this considered kind of Upper Wolfcamp here?

- 1 A. We consider this more mid-Wolfcamp in this
- 2 area, but yes, multiple targets are possible in the
- 3 Wolfcamp area.
- 4 Q. Wolfcamp A or -- I got that there might be two
- 5 different pools involved here. I know you said Pierce
- 6 Crossing; Wolfcamp; Northwest Gas, but there weren't any
- 7 special rules that ---
- 8 MS. KESSLER: Not at this point,
- 9 Mr. Examiner.
- 10 EXAMINER JONES: And I am hoping that you
- 11 don't even need the nonstandard location.
- MS. ARNOLD: Me, too.
- 13. EXAMINER JONES: I saw where the Black
- 14 River; Wolfcamp East Gas Pool is just extremely close
- 15 and maybe even in that same section. So --
- THE WITNESS: Yes.
- 17 EXAMINER JONES: I could be wrong on that.
- THE WITNESS: I believe they are.
- 19 EXAMINER JONES: Hopefully that'll be
- 20 cleared up pretty soon.
- THE WITNESS: Right. The consolidation of
- 22 the pools would be most useful.
- EXAMINER JONES: Yeah.
- I don't have any other questions. I better
- 25 stop with that.

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1	EXAMINER WADE: Good job (laughter).
2	EXAMINER JONES: Okay. Anything else in
3	this case?
4	Any statement from COG?
5	MR. CARR: No, no statement. Thank you.
6	EXAMINER JONES: No statement.
7	Okay. With that, we'll take Case Number
8	15591 under advisement.
9	(Case Number 15591 concludes, 10:52 a.m.)
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16.	a complete record of the foregoing to
17	CAT TO LOCAL TO THE SECOND TO
18	heard by me on
19	Oll Conservation Division Examiners
20	**************************************
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24	
25:7	

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1	STATE OF NEW MEXICO
2	COUNTY OF BERNALILLO
3	
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	Mans Calenters
21	
22	MARY C. HANKINS, CCR, RPR Certified Court Reporter
	New Mexico CCR No. 20
23 _.	Date of CCR Expiration: 12/31/2016 Paul Baca Professional Court Reporters
24	radi bada frotessionar coarc keponters
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