

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

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

7 APPLICATION OF MATADOR PRODUCTION CASE NO. 15535
8 COMPANY AND MEWBOURNE OIL COMPANY
9 FOR POOL CREATION, POOL
10 RECLASSIFICATION, AND SPECIAL POOL
11 RULES, EDDY COUNTY, NEW MEXICO.

12

13 REPORTER'S TRANSCRIPT OF PROCEEDINGS

14 EXAMINER HEARING

15 August 18, 2016

16 Santa Fe, New Mexico

17

18 BEFORE: WILLIAM V. JONES, CHIEF EXAMINER
19 DAVID K. BROOKS, LEGAL EXAMINER

20

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22 This matter came on for hearing before the
23 New Mexico Oil Conservation Division, William V. Jones,
24 Chief Examiner, and David K. Brooks, Legal Examiner, on
25 Thursday, August 18, 2016, 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.

26

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24 ALSO PRESENT (via telephone): Karen Sharp, NMOCD,
25 District 2 Office

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1 (8:56 a.m.)

2 EXAMINER JONES: Call Case Number 15535,
3 application of Matador Production Company and Mewbourne
4 Oil Company for pool creation, pool reclassification,
5 and special pool rules, Eddy County, New Mexico.

6 Call for appearances.

7 MR. BRUCE: Mr. Examiner, Jim Bruce of
8 Santa Fe representing the Applicants, Matador and
9 Mewbourne. I have three witnesses.

10 EXAMINER JONES: Any other appearances?

11 MR. CARR: May it please the Examiner,
12 William F. Carr, senior counsel, for Concho Resources.
13 I'm entering my appearance for COG Operating, LLC. I do
14 not have a witness.

15 EXAMINER JONES: Let me call our District 2
16 Office on the phone. They're just going to listen in,
17 if that's acceptable. I'm not sure about providing
18 comments afterwards.

19 EXAMINER BROOKS: Well, if nobody objects.

20 MR. BRUCE: No objection.

21 EXAMINER JONES: We'll wait until
22 afterwards, and we'll ask you if you have any comments.

23 MS. SHARP: I'll be very quiet.

24 EXAMINER JONES: Okay. Will the witnesses
25 please stand, and the court reporter swear the

1 witnesses?

2 (Dr. Ned Frost III, Chris Carleton, and
3 Drew Robison sworn.)

4 CHRIS CARLETON,
5 after having been first duly sworn under oath, was
6 questioned and testified as follows:

7 DIRECT EXAMINATION

8 BY MR. BRUCE:

9 Q. Would you please state your name and city of
10 residence for the record?

11 A. Chris Carleton, Dallas, Texas.

12 Q. And who do you work for and in what capacity?

13 A. I work for Matador as a landman.

14 Q. And what are your responsibilities as a landman
15 at Matador?

16 A. Review title, prepare assignments, farm-outs
17 and joint operating agreements for wells to be drilled
18 in southeast New Mexico.

19 Q. And have you previously testified before the
20 Division?

21 A. Yes.

22 Q. And were your credentials as an expert
23 petroleum landman accepted as a matter of record?

24 A. Yes.

25 Q. And are you familiar with the lands involved in

1 this application and the pools that are the subject of
2 this hearing?

3 A. Yes.

4 MR. BRUCE: Mr. Examiner, I tender
5 Mr. Carleton as an expert petroleum landman.

6 EXAMINER JONES: Any objection?

7 MR. CARR: No objection.

8 EXAMINER JONES: He is so qualified.

9 Q. (BY MR. BRUCE) Mr. Carleton, what are the
10 Applicants seeking in this case? And I'd refer you to
11 Exhibit 1.

12 A. Exhibit 1 is our application, and we're seeking
13 to create a Wolfcamp pool in Eddy County to establish
14 acreage and dedication size, 320 acres, with a depth
15 interval classified as the Wolfcamp, and modify setback
16 requirements to 330 acres -- or 330 feet from the units,
17 and no limitation on density allowable. Any well that's
18 currently producing, no change will be made to those
19 units. Only the name of the pool will change.

20 Q. And the name of the proposed pool is the
21 Downey-Wolfcamp Gas Pool; is that correct?

22 A. That is correct. This will set up clear
23 parameters in southeast Eddy County to protect
24 correlative rights and prevent waste.

25 Q. Could you turn to Exhibit 2 and explain what is

1 going on in this map?

2 A. Exhibit 2 is an area locator map, and it shows
3 the area that we're seeking in southeast Eddy County to
4 create this pool.

5 Q. And that's the area highlighted -- or outlined
6 in red, correct?

7 A. That is correct.

8 Q. And behind the first page, is that a list of
9 the township and ranges included in the red area?

10 A. Yes.

11 Q. What is Exhibit 3?

12 A. Exhibit 3 shows the existing Wolfcamp wells and
13 their unit sizes. As you can see, most of these are
14 spaced on 320 acres currently.

15 Q. You said wells. These are the Wolfcamp pools,
16 right?

17 A. Pool -- yeah, the pools and their unit sizes.

18 Q. Pool and unit size. Thank you.

19 A. Corresponding wells.

20 Q. Moving on to Exhibit 4, what does this reflect?

21 A. These are the Wolfcamp pool maps provided by
22 Paul Kautz a week ago. And as you can see, there are
23 several pools, approximately 61 pools, and it shows
24 their sizes. And right now it's unclear how areas in
25 white will be covered, and it's hard to tell exactly

1 what -- what the parameters were for setting up these
2 boundaries. We've drilled wells -- Wolfcamp wells off
3 of one pad, going into two different sections where
4 they're in two different pools, and you can see that
5 there's been upper and lower Wolfcamp pools set up
6 currently as well.

7 Q. And will the other technical witnesses discuss
8 the Wolfcamp Formation in this area?

9 A. Yes.

10 And Exhibit 5 also lists out all the pools
11 shown on Exhibit 4. And there are some pools in here
12 with special pool rules. Those are referenced with
13 their special pool order on Exhibit 5.

14 Q. Okay. So Exhibit 5 lists all the pools -- all
15 the currently existing pools, to the best of your
16 knowledge?

17 A. Yes.

18 Q. Whether it's oil or gas, and set forth behind
19 that are a few OCD orders setting up special rules for
20 certain Wolfcamp pools?

21 A. That's correct.

22 Q. And you would ask that all of these pools are
23 abolished and simply be covered -- all of the acreage
24 would be covered by the Downey-Wolfcamp Gas Pool?

25 A. That is correct.

1 Q. And, again, as to existing wells, it's really
2 up the operator. You can leave it on the current
3 spacing, or you could come before the Division and ask,
4 say, to increase it from 160 areas to 320 acres?

5 A. That is correct. Only the name will change,
6 and they'll have the option to come forth.

7 Q. So there are no equities being affected by this
8 application?

9 A. Correct.

10 Q. Okay. Let's discuss operators. What is
11 Exhibit 6?

12 A. Exhibit 6 shows the existing Wolfcamp operators
13 in the area. And we found about 30 Wolfcamp operators
14 in this area, and some are operating under multiple
15 names. So we've reached out to -- reached out to these
16 operators.

17 Q. Okay. So, for instance, OXY USA and OXY USA
18 WTP, obviously the same personnel are involved, just a
19 different company name?

20 A. That's correct.

21 EXAMINER BROOKS: Did you say Exhibit 6?

22 THE WITNESS: That's correct, Exhibit 6.
23 The list of the operators and the map kind of shows
24 where they're operating. Yes.

25 EXAMINER BROOKS: Okay. List of operators.

1 Okay. Thank you.

2 THE WITNESS: Uh-huh.

3 Q. (BY MR. BRUCE) How was the information on the
4 wells and the operators obtained, Mr. Carleton?

5 A. Through the research of the OCD online
6 registry.

7 Q. Okay. So if something is wrong, it's the
8 Division's fault, right?

9 EXAMINER JONES: I knew that was coming.

10 (Laughter.)

11 Q. (BY MR. BRUCE) Did Matador and Mewbourne meet
12 with the Division and discuss this proposal or this type
13 of proposal over the past, what, nine, ten months?

14 A. That's correct. Starting in December of 2015,
15 we've met with the Division several times and had phone
16 calls prior to that where we've discussed the creation
17 of this pool, and they've been very involved.

18 Q. Okay. And did Matador and Mewbourne reach out
19 to these operators listed on Exhibit 6 to discuss this
20 application?

21 A. Yes. And we've gotten support letters, which
22 is shown on Exhibit 7, from approximately 77 percent of
23 the operated -- or operators operating the wells on the
24 map shown on Exhibit 6. And we've been in contact with
25 all the major active operators in the area, as well as

1 other operators with Wolfcamp. Even if we did not get
2 support letters, we've been talking to them and have
3 gotten no opposition.

4 Q. Okay. And Exhibit 7 is copies of support --
5 letters of support?

6 A. That's correct.

7 Q. And is there a rough percentage of the number
8 of horizontal operators by wells who agreed -- who have
9 signed letters of support?

10 A. Yes. Approximately 77 percent have shown
11 support.

12 Q. But you haven't received any opposition?

13 A. That's correct.

14 Q. Let's discuss one more thing, and this goes
15 into the number of pools and number of operators, et
16 cetera. You mentioned some -- some of the pools are
17 considered upper Wolfcamp pools. Others cover the
18 entire Wolfcamp zone. Where are the land implications
19 if there is a depth severance that there are two
20 Wolfcamp pools covering the same acreage?

21 A. Yes. There are lease -- lease implications as
22 far as Pugh Clauses and depth severances that could
23 create clouds on title in the future of where these
24 leases are Pughed out and what the ownership is, as well
25 as changing the unit size after allocation of production

1 is already set, and compulsory pool issues as far as who
2 you need to pool. And if some parties are pooled and
3 pay their cost ahead of time under the order and then
4 are cut out of the unit, it creates a problem as far as
5 getting their money back, and royalty owners as well.
6 They're paying royalties on leases where potentially
7 they wouldn't have the right to if the unit is either
8 shrunk down or size changes. Getting those royalties
9 back is probably not going to happen.

10 Q. And, again, some of these implications will be
11 discussed by other witnesses; is that correct?

12 A. That's correct.

13 Q. Could you turn to Exhibit 8? And, you know,
14 when you mention -- you're changing the setbacks from
15 660 feet, the standard gas well unit setback, to 330
16 feet, correct?

17 A. Correct.

18 Q. Are some or probably almost all operators at
19 this point, whether they're drilling in a gas pool or
20 not, seeking 330-foot setbacks for their wells?

21 A. That's correct. And Exhibit 8 shows a map of
22 where operators have gotten approved nonstandard
23 location orders. And our research shows that there have
24 been 54 approved in Eddy County since 2010, and that's
25 only through administration orders. So that doesn't

1 also count ones done through the forced pooling process.

2 Q. With 330-foot setbacks, you wouldn't have to go
3 through that process?

4 A. That's correct.

5 Q. And could you explain the process Matador goes
6 through for obtaining a nonstandard location and discuss
7 a little bit the cost involved in that?

8 A. There's the 20-day notice period, and before
9 that, we research title in surrounding sections. And in
10 many of these, there is not a Wolfcamp operator, so
11 we'll have to do some extensive title work on the
12 surrounding units to determine who we need to notify
13 that we're applying for the NSL.

14 Q. There's a lot of cut-up fee land out here?

15 A. That's correct. And that cut-up fee land ends
16 up costing title -- or title costs up to \$10,000 in some
17 cases for these nonstandard locations.

18 Q. That's just not counting my costs?

19 A. Not counting your costs, yes.

20 And we regularly receive nonstandard
21 location applications or notices from other operators as
22 well.

23 Q. So it's those costs and the time involved that
24 are affecting all operators?

25 A. That's correct.

1 Q. Now, when it comes to the nonstandard
2 locations, those are requested by the technical staff of
3 the various operators, right?

4 A. That's correct.

5 Q. So then it's thrown on your shoulder to take
6 care of the problem?

7 A. Yes.

8 Q. And approval of this order -- this application
9 would do away, for the most part, with that and save a
10 lot of people time and money?

11 A. Yes.

12 Q. Okay. And was notice of this application given
13 to the operators that you listed in the prior exhibit?

14 A. Yes.

15 Q. And is that reflected in my Affidavit of
16 Notice, Exhibit 9?

17 A. Yes.

18 Q. And the listing of the operators not only
19 included the proposed Downey pool but operators within a
20 mile of that pool; is that correct?

21 A. That's correct.

22 MR. BRUCE: Mr. Examiner, Exhibit 9 is my
23 Affidavit of Notice. For once, my notice was almost
24 totally complete, but I did miss one operator, which is
25 OXY. And even though I sent a notice to Lanexco at

1 their division-registered address, an envelope hasn't
2 come back yet. So we are going to need to supplement
3 the notice and probably publish notice against Lanexco.
4 So I'd ask to continue this hearing for four weeks so
5 that notice can be completed.

6 Q. (BY MR. BRUCE) To summarize, again, if this
7 application is approved from a land standpoint, how do
8 you think the current development in the Wolfcamp would
9 be improved?

10 A. On the front end, as far as permitting, there
11 is less -- less up front. As far as nonstandard
12 locations, the cost savings there were addressed, and
13 there is no guesswork when choosing which pool your well
14 is going to be a part of. It will be all part of the
15 Downey pool. And it clarifies commingling issues, which
16 saves money as well. And there could be instances where
17 the pools are set up now where a well is drilled through
18 two sections with two different pools, and the operator
19 wouldn't be allowed to produce because of downhole
20 commingling issues. So it prevents that from happening.
21 And it clarifies production and allocation in these
22 units. There is no chance of them shrinking in the
23 future if a change -- Division has them changed from oil
24 to gas or vice versa, which, as addressed earlier, could
25 causal allocation of royalties and working interest

1 issues.

2 Q. A couple of things --

3 A. Yeah.

4 Q. -- related to that. You mentioned commingling.
5 And that hasn't been mentioned yet, and I believe
6 another witness will address this. But are there
7 situations where an operator has drilled a well that
8 crosses from one pool to another?

9 A. That's correct. Yes.

10 Q. And the Division has required the operator to
11 get a commingling order for that?

12 A. Yes, because drilling from one pool into the
13 next pool causes downhole commingling issues, and this
14 would prevent that from happening. And I touched on
15 earlier, there are some pools with special pool rules
16 right now, and this will create a level playing field
17 for everybody. This is one pool with all the same rules
18 rather than some folks getting special rules depending
19 on what pool they're in.

20 Q. And, again, existing wells will be left alone
21 unless the operator desires to change to the
22 Downey-Wolfcamp, change that particular well unit so
23 that it's covered by this --

24 A. That's correct.

25 Q. Were Exhibits 1 through 9 either prepared by

1 you or under your direction or in conjunction with
2 Mewbourne Oil Company?

3 A. Yes.

4 Q. And in your opinion, is the granting of this
5 application in the interest of conservation and the
6 prevention of waste?

7 A. Yes.

8 MR. BRUCE: Mr. Examiner, I move the
9 admission of Exhibit 9 -- 1 through 9.

10 MR. CARR: No objection.

11 EXAMINER JONES: Exhibits 1 through 9 are
12 admitted.

13 (Matador/Mewbourne Exhibit Numbers 1
14 through 9 are offered and admitted into
15 evidence.)

16 EXAMINER JONES: Mr. Carr, did you make a
17 prehearing statement?

18 MR. CARR: No, I didn't.

19 EXAMINER JONES: Would you like to allow
20 Mr. Carr to question the witness?

21 MR. CARR: I have no questions.

22 MR. BRUCE: Has anybody ever stopped him
23 before?

24 (Laughter.)

25 EXAMINER JONES: He's unstoppable.

1 MR. CARR: I have no -- I hate to do this,
2 but I have no questions.

3 EXAMINER JONES: Okay.

4 CROSS-EXAMINATION

5 BY EXAMINER JONES:

6 Q. So 61 pools involved. And are you asking to
7 abolish those pools -- technically to abolish them?

8 A. Yes.

9 Q. Okay. Was that stated in the application?

10 MR. BRUCE: It is stated in the
11 application. It's not in the heading of the case, but
12 it's stated in the application.

13 EXAMINER JONES: Okay. It's stated in the
14 application. So the people that got notice were noticed
15 of that?

16 Q. (BY EXAMINER JONES) Have you ever objected to
17 NSLs that were proposed at 330 feet by other operators?

18 A. Matador has not objected to those.

19 Q. Never objected in this area to those?

20 A. No.

21 Q. Okay. These special pool rules in some cases,
22 what do they -- can you summarize what they consist of
23 for some of the pools? Are any of them related to
24 spacing -- to well spacing?

25 A. Just going through them quickly now, it looks

1 like the Order Number R-11396 -- I apologize. I haven't
2 read through these too -- too deeply, but it does look
3 like the first one sets spacing at 160 acres with
4 330-foot setbacks.

5 Q. For oil?

6 A. For oil. That's correct. Yeah.

7 Q. Okay. So there is -- there is a range of
8 different special pool rules involved.

9 I guess one of the questions is calling
10 it -- calling it a gas pool versus a pool that could
11 have either gas or oil in it with the same spacing for
12 gas or oil. Because if you use the nomenclature gas, it
13 implies -- it makes a gas pool.

14 MR. BRUCE: That is correct. And our
15 engineer will discuss that in more detail --

16 THE WITNESS: Yes.

17 MR. BRUCE: -- the reason for that.

18 Q. (BY EXAMINER JONES) Okay.

19 How about -- this goes down -- this play
20 seems to go down into Texas. Are you familiar with how
21 they're spaced in Texas?

22 A. I haven't done much work in Texas, but I'm
23 familiar that there is 467-foot setbacks, and some
24 Wolfcamp wells are up to 640-acre pools. 330s -- or 330
25 setbacks. Excuse me.

1 Q. With 330 setback?

2 A. Yes.

3 Q. People are, in general, drilling for liquids,
4 is that correct, whatever they can get?

5 A. Whatever they can get, yeah. And the engineers
6 will speak more on that.

7 Q. So is there a range of different spacing sizes
8 in Texas, or is it -- am I showing my ignorance of Texas
9 proration?

10 A. I'd also be showing my ignorance. I haven't
11 worked too much in that area.

12 Q. Okay. And you're not asking for any change in
13 the Division's policy of nonstandard locations for
14 diagonal -- the Pythagorean Theorem type stuff?

15 MR. BRUCE: No, sir.

16 EXAMINER JONES: At least that wasn't
17 advertised.

18 Q. (BY EXAMINER JONES) What conversations have you
19 had with other landmen of these other companies? Are
20 they totally in support, or has anybody had an issue?

21 A. I haven't talked to anybody who's been opposing
22 it. They've been -- had favorable thoughts towards it,
23 said that helps out on leases and allocation of royalty
24 and working interest owners. They also had the same
25 land concerns that I've brought up, if pools start

1 changing, and they've been in favor of approving this
2 application.

3 Q. What about the royalty owners? What about the
4 base royalty owners like the Land Office or BLM?

5 A. I haven't had as many conversations with them,
6 but I imagine if somebody who had been receiving
7 royalties under a well gets cut out, they wouldn't
8 appreciate that.

9 Q. Okay. So basically you really haven't had
10 conversations with them about it, or they haven't come
11 forward after seeing this and said anything about it?

12 A. That's correct.

13 Q. And I guess we're going to talk about the
14 reservoir and allowables and all that later.

15 EXAMINER JONES: Mr. Brooks?

16 CROSS-EXAMINATION

17 BY EXAMINER BROOKS:

18 Q. Is this going to -- is this change going to
19 include provisions retaining the spacing unit for
20 existing wells?

21 A. Yes. The operators of existing wells will be
22 able to retain their spacing unit, or they can come and
23 request to have them changed to the new pool.

24 Q. Okay. So you're going to have an exception to
25 the statewide rule which requires conformity of the

1 spacing units to grandfather existing spacing units?

2 A. Yes.

3 Q. You said it's an option?

4 A. That's correct.

5 Q. That's all I have.

6 RE CROSS EXAMINATION

7 BY EXAMINER JONES:

8 Q. So basically on these pools that are spaced
9 something other than 320, you're going to abolish those
10 pools. So --

11 A. The name will change, but the spacing unit will
12 remain the same, unless they would like to come forward
13 and change it.

14 Q. Okay. I just -- the rules on notice for
15 members of the pool how the spacing units actually get
16 affected, can you address whether you've complied with
17 that or not?

18 A. As far as notifying operators within the
19 existing pool of this application?

20 Q. Notifying operators or people that would be --
21 actual people that would be getting revenue.

22 MR. BRUCE: Mr. Examiner, no existing well
23 units would be changed. Therefore, nobody's revenue is
24 changing. No correlative rights or equities are
25 affected. So I don't believe we need to name the

1 interest owners on the individual well units, just the
2 operator.

3 EXAMINER JONES: Okay.

4 Mr. Brooks?

5 EXAMINER BROOKS: Well, I assume that's
6 correct, but the fact that the operator would have the
7 option to change the spacing raises a question because
8 that doesn't seem to be contemplated in the rule.
9 But --

10 MR. BRUCE: Well, in the application, it
11 says that in compliance with Division procedures, they
12 could come forth and change it, and that would require
13 notice to their interest owners.

14 EXAMINER BROOKS: Okay. Yeah. That should
15 take care of it. I thought it probably would. That's
16 why I asked the question a minute ago. Yeah. I presume
17 it would.

18 EXAMINER JONES: So all the operators have
19 been noticed?

20 MR. BRUCE: That's correct.

21 EXAMINER JONES: Even the operators that
22 have complied with 660 setbacks --

23 MR. BRUCE: That's correct.

24 EXAMINER JONES: -- in the previous lease?
25 So somebody's going to be drilling a well

1 closer to them because the rules are changing?

2 MR. BRUCE: That is true. And, of course,
3 a lot of those would be vertical wells, too. There are
4 old vertical wells out here. But as you will see from
5 the discussion of the geologist and the engineer, I
6 mean, people aren't drilling simply one well in these
7 well units anymore because the reservoir is so thick and
8 so potentially productive.

9 EXAMINER JONES: Okay.

10 MR. BRUCE: One thing, Mr. Examiner, in
11 looking at the orders attached to the back of Exhibit 5,
12 jogging my memory banks, my old memory banks, one of
13 them -- the newer order from the Santa Fe Snyder case is
14 a pool rules case setting 160-acre spacing for that one
15 pool, and I don't even know if that pool has grown
16 outside of that area. The others were older.

17 If you'll recall, until 1975, the Wolfcamp
18 was based on 160 automatically. Wolfcamp gas wells were
19 spaced on 160. Automatically, in these other cases,
20 refer to attempts to increase the spacing of certain
21 Wolfcamp depths was from 360 to 320, which was then
22 superseded by a statewide rule.

23 EXAMINER JONES: That's something only you
24 or Mr. Carr would remember.

25 MR. BRUCE: He was present at that hearing.

1 MR. CARR: I was present. I may not
2 remember.

3 I do have just a question. As I understand
4 this, you're establishing a new sort of base rule for
5 the area. Existing wells and units are excepted or
6 grandfathered, and it doesn't change the procedures for
7 getting exceptions or --

8 MR. BRUCE: Correct.

9 MR. CARR: -- as to unit size or location
10 in the future.

11 MR. BRUCE: Correct.

12 MR. CARR: That's all.

13 Q. (BY EXAMINER JONES) Okay. Do you talk any to
14 our district office about -- do you have a regulatory
15 person here today? Who do you work with on your
16 regulatory matters? Have they talked to our districts
17 or the BLM about the paperwork that's going to be
18 involved switching wells over a different pool name?

19 A. As far as filing the sundries?

20 Q. The sundries or the C-102s and the C-104s to
21 switch the wells.

22 A. No. I have not -- not had discussions with
23 those offices on that.

24 MR. BRUCE: Mr. Examiner, my thought on
25 that is if -- you know, first of all, the well units are

1 left as is. If the operator decides -- has a, say,
2 160-acre horizontal well unit and wants to increase it
3 to 320, he'd have to follow procedures for notification
4 to his interest owners, and he would have to file the
5 new C-102. And insofar as notification, we talked about
6 this yesterday and suggest that the order require the
7 two applicants to notify the operators of any change in
8 the pool name. So remove that burden from the Division,
9 and tell them that they're required to file just a
10 sundry notice as a new pool destination.

11 EXAMINER JONES: Okay. We can talk --
12 since we're going to continue for four weeks, we can get
13 that hashed out with our regulatory person. And your
14 proposal sounds reasonable, but I have to make sure it
15 works.

16 MR. BRUCE: It's kosher with them?

17 EXAMINER JONES: Kosher.

18 Okay. I don't have any more questions.
19 Thanks.

20 MR. BRUCE: Call Mr. Frost to the stand.

21 EDMUND "NED" LOCKE FROST III, Ph.D.

22 after having been previously sworn under oath, was
23 questioned and testified as follows:

24

25

1 DIRECT EXAMINATION

2 BY MR. BRUCE:

3 Q. Would you please state your name for the
4 record?

5 A. Dr. Edmund Locke Frost III.

6 Q. And where do you reside?

7 A. Dallas, Texas.

8 Q. Who do you work for and in what capacity?

9 A. I work for Matador Resources as their chief
10 geologist.

11 Q. And as chief geologist, what are your duties?

12 A. My duties are to guide, direct and ensure the
13 quality of all staff work. I lead a team of ten
14 geoscientists. I conduct regional exploration projects
15 and other specialized projects, and then I interact with
16 investors, offset operators, vendors and other outside
17 entities such as universities.

18 Q. And with technical people from other operators?

19 A. That's correct.

20 Q. Have you previously testified before the
21 Division?

22 A. I have not.

23 Q. Would you describe your educational employment
24 history to the Examiners?

25 A. Sure. I received my bachelor's from University

1 of Colorado in geology, and then I received -- in 1999,
2 and then I received my doctorate in geology from the
3 University of Texas in 2007.

4 I started my career with ConocoPhillips in
5 their subsurface technology company in 2007. In 2011, I
6 went to the Bureau of Economic Geology as a research
7 associate there, and then I joined Matador in 2014.

8 Q. And where was that?

9 A. I'm sorry. The Bureau of Economic Geology is
10 at the University of Texas. That's their state survey.
11 And then I joined Matador in 2014.

12 Q. Do you have any professional associations?

13 A. Right now, AAPG and WTGS.

14 Q. And are you familiar with the application and
15 the geology involved in this case?

16 A. Yes, I am.

17 MR. BRUCE: Mr. Examiner, I tender
18 Dr. Frost as an expert in petroleum geology.

19 EXAMINER JONES: Any objection?

20 MR. CARR: No objection.

21 EXAMINER JONES: He is qualified as an
22 expert in petroleum geology.

23 Q. (BY MR. BRUCE) First off, on a nontechnical
24 subject, could you give a brief explanation of how the
25 proposed pooling got its name?

1 A. Yeah. We have proposed to name the pool after
2 Marlon Downey who is a special advisor to Matador. He
3 is a geologist who worked his way through the ranks of
4 Shell, ultimately becoming their international
5 president, and then was also the president of Arco
6 International.

7 The reason we've chosen Mr. Downey is that
8 he was influential with guiding Matador into early entry
9 into unconventional plays such as the Haynesville and
10 the Eagle Ford and also ultimately entry into the
11 Delaware Basin and the Wolfcamp pool that we're
12 proposing here today in Eddy County.

13 Q. Thank you.

14 Have you conducted a geologic study of the
15 lands located within the proposed pool and adjacent to
16 the pool as part of this application?

17 A. I have.

18 Q. And have you prepared exhibits to demonstrate
19 the geology involved in the Wolfcamp?

20 A. Yes.

21 Q. Would you please turn to Exhibit 10 and
22 describe its contents?

23 A. Yes. So Exhibit 10 shows the top of the
24 proposed pool structure map. This will be the top of
25 the Wolfcamp, and it shows this in true vertical depth

1 subsea. The lighter green colors represent the
2 shallower depth, and the cooler blue colors represent a
3 deeper depth. And you can see a basic -- a basic gentle
4 dip off to the east, and these dips are about one to two
5 degrees. The wells that we use to make this map are
6 symbolized here. On the -- on the map itself is the
7 small well icons. And this is the proposed pool limit
8 that the map is outlined to.

9 Q. What is Exhibit 11?

10 A. Exhibit 11 is a thickness map or an isochore of
11 the Wolfcamp and the pool that we're proposing.

12 Basically what we have is a shallow -- or a thinner
13 Wolfcamp in the yellow colors and a thicker Wolfcamp
14 section in the -- in the blue colors again here. You
15 can see that the Wolfcamp thickness ranges from about
16 600 feet at its thinnest in the northeast and southwest
17 portions of the pool to about 2,600 feet off to the --
18 I'm sorry -- the northwest and southwest. And then as
19 we go off to the -- to the southeast, the pool thickens
20 to about 2,600 feet there. And we consider this whole
21 interval to be -- excuse me -- productive within the
22 pool limits here. Even at its thinnest, we would
23 consider this prospective for horizontal completions.

24 Q. When you're looking -- overall you say it goes
25 from 800 feet thick, say, in the northwest corner to

1 2,600 feet, but if you're looking at just individual
2 well units, 320-acre well units, within the Wolfcamp,
3 you would expect the thickness to be pretty constant
4 throughout any individual well unit?

5 A. Yeah, that's correct. I mean, we're mapping
6 this over townships. And if you look at the change
7 within any section or any unit here, there effectively
8 would be no change.

9 Q. It's pretty marginal?

10 A. Yeah. Exactly.

11 Q. Would you move on to Exhibit 12 and discuss the
12 well logs you've looked at in this area.

13 A. Sure. So Exhibit 12 is a cross section running
14 from the northwest corner of the proposed pool to the
15 southeast corner of the proposed pool. The well logs
16 are hung. There are datums on the proposed pool top,
17 which is the top of the Wolfcamp, and then you can see
18 the pool base basically dropping down across this cross
19 section from left to right as the Wolfcamp thickens.

20 And this basically matches the previous
21 exhibit, Exhibit 11, that the thickness is here
22 reflected on the pool, reflects thicknesses on Exhibit
23 11. And really we would consider any of these rocks in
24 here prospective to be -- to be targeted, and that's why
25 we've chosen to put this all into one pool.

1 And this, I guess, pool definition is also
2 how we've applied for nonstandard locations, and any
3 applications to the OCD have this pool outline as well.

4 Q. And it's not being submitted as an exhibit, but
5 this is paragraph three of the application. Could you
6 just briefly summarize the pool definition -- proposed
7 pool definition for the Examiner?

8 A. Right. So for the pool type log here, we are
9 basically looking at saying 9,204 -- I'm not seeing --
10 to a base of 11,525. And in our opinion, that would be
11 the entire Wolfcamp.

12 Q. Can you, for the record, identify the well and
13 its API number used for the type log?

14 A. Yes. That's the OXY Benelli [phonetic] Number
15 1. The API is 3001534881.

16 Q. Thank you.

17 A. And that's -- Exhibit 12 and Exhibit 13 will be
18 the center log here, that star.

19 One thing that I didn't point out that I'd
20 like to point out here is that there are production
21 numbers on the base of this cross section. These are
22 production numbers from -- from the Wolfcamp. And in
23 green, we have oil. In gray, we have gas. And in red,
24 we have GOR. And this would be from vertical production
25 in the Wolfcamp.

1 Q. And Exhibit 13 is another type log, correct?

2 A. Yup. Exhibit 13 is effectively a cross section
3 running from northeast to southwest. And here, again,
4 this sort of shows the thickness variation of the
5 Wolfcamp pool as it's proposed across the area. The
6 pool type log is again in the center. Oil, gas and GOR
7 are reflected at the base of each of these -- at the
8 base of each of these wells.

9 Q. And are you asking that the Division consider
10 the entire Wolfcamp interval to be developed within one
11 320-acre standard well unit?

12 A. We are.

13 Q. And there are no interior or vertical
14 subdivisions suggested in this new pool?

15 A. No.

16 Q. Do you have an opinion as to whether an order
17 entered by the Division reducing the setback
18 requirements to 330 feet -- will that prevent waste and
19 protect correlative rights?

20 A. Yes. We feel that is the case.

21 Q. And the next witness will address this also?

22 A. That's correct.

23 Q. In your opinion, is the granting of this
24 application in the interest of conservation and the
25 prevention of waste?

1 A. Yes, it is.

2 Q. And were Exhibits 10 through 13 prepared by you
3 or under your supervision?

4 A. Yes.

5 MR. BRUCE: Mr. Examiner, I move the
6 admission of Exhibits 10 through 13.

7 EXAMINER JONES: Any objection?

8 MR. CARR: No objection.

9 EXAMINER JONES: Exhibits 10 through 13 are
10 admitted.

11 (Matador/Mewbourne Exhibit Numbers 10
12 through 13 are offered and admitted into
13 evidence.)

14 EXAMINER JONES: Mr. Carr, do you have any
15 questions?

16 MR. CARR: No, I do not.

17 CROSS-EXAMINATION

18 BY EXAMINER JONES:

19 Q. Sounds like Mr. Downey is quite accomplished
20 and would be a good choice. I'm not sure that our
21 practice on naming pools allows this, but if -- if it
22 does, it sounds like it would be good.

23 A. Yeah. Mr. Downey is a geologist's geologist,
24 we would say. He's a true craftsman. But it's
25 Matador's tradition to often name wells after

1 influential shareholders or investors, so we're
2 continuing that here.

3 EXAMINER BROOKS: Since he's a geologist,
4 perhaps Paul would be willing to make an exception to
5 the rules.

6 THE WITNESS: That's right.

7 MR. BRUCE: Mr. Examiner, are you going to
8 rename the Sugar pools and the rest of those then?

9 EXAMINER JONES: I'm sure there's been
10 exceptions in every practice we've had around here
11 (laughter).

12 Q. (BY EXAMINER JONES) Can you talk about the
13 transition -- is there Abo here, first of all, or is it
14 just Bone Spring going into Wolfcamp?

15 A. It is. It's Bone Spring going into Wolfcamp
16 here. This is all really out in the Basin center, so
17 there wouldn't be any Abo or Clear Fork equivalent or
18 any sort of that stuff.

19 Q. So the transition -- I guess from the bottom
20 going up, from the Penn up into the Wolfcamp, that was
21 the big extinction event or something that happened?
22 What were the changes that mark your Penn versus the
23 Wolfcamp?

24 A. Yeah. So we tend to pick the Penn on top of
25 that first major carbonate that comes into the Basin.

1 You can sort of see on this right log. It looks like
2 you're on Exhibit 13. These, sort of, lighter grays,
3 that's where we tend to pick the Basin pool, the base of
4 the Wolfcamp. There's a lot going on in the Basin at
5 that point. Mountains are being built to the south.
6 And as a geologist, I'm happy to oblige you with the
7 story of the Basin.

8 But really, kind of what you see from the
9 base in the Pennsylvania is you have tectonics beginning
10 to end, and you have the Wolfcamp margins as we know
11 them and Kemnitz and some of these other Wolfcamp reef
12 plays beginning to develop and sediments being put into
13 the Basin in a more organized fashion. So typically as
14 we define the Wolfcamp, it's a pretty heterolithic stack
15 of shales, carbonates, sandstones and siltstones. But
16 typically it's what we define as something requiring
17 horizontal wells and multistage fracture treatments.

18 Q. But typically it's -- so you say it's all types
19 of rock, then, but it's offshore -- it's not the only
20 type --

21 A. No. No. This would be deposited in a
22 deep-water basin.

23 Q. Deep-water basin?

24 A. Yeah.

25 Q. Okay. So you have some -- any of these reefs

1 going through here or --

2 A. We do not.

3 Q. -- or algal mounds or anything like that?

4 A. No, we do not.

5 Q. Okay. I don't have a geologist with me to ask
6 the smarter questions, but basically it looks like
7 you've got some -- and I've heard some stories of the
8 upper part of the Wolfcamp being actually more oily than
9 the lower part being more gas. Is that -- is there a
10 story behind that, or is that over in Lea County and not
11 here in Eddy County?

12 A. I think the next witness probably can address
13 that better. Yes. I believe he has that actually
14 prepared, yeah.

15 Q. Okay. So he'll talk about the reservoir, but
16 the actual rock itself, as far as being a reservoir
17 rock, incapable of not receiving some source
18 hydrocarbons and storing them and having them available
19 for drilling, where are the targets in this area for
20 horizontal drilling and why?

21 A. We've view most of these targets as
22 unconventional targets in the respect that anything
23 that is here would have very low permeability and
24 porosity, so most of the storage of hydrocarbons is
25 going to be in the source rocks themselves.

1 So when we -- when we look at this, it's
2 typically, on the well logs, the darker intervals on the
3 first tract here, which is our gamma ray. So the hotter
4 gamma ray from a very qualitative sense would represent
5 the more organic-rich intervals, so typically we target
6 those.

7 In the upper Wolfcamp, we target a couple
8 tight sands in there, but -- and, you know, frankly, I
9 think as an industry, we're really still learning within
10 this pool what the targets are that we've tracked.
11 We've tried a few benches in here, and Mewbourne has
12 tried a few similar benches, a few different ones, that,
13 you know, I think we're pretty still early on in fully
14 understanding the amount of targets in the Wolfcamp
15 here.

16 Q. Okay. So do you consider this a resource play,
17 or do you consider it a play where you have a discovery
18 well that is associated with a reservoir that you can
19 actually define by looking at a log and then expand it
20 by drilling? In other words, why should we call this
21 all one gigantic pool?

22 A. Right. Well, I think I would define it as a
23 resource play. Obviously, there are sweet spots within
24 any resource play, and I think that goes to the second
25 part of your questions, is that there are subtle

1 variations within the rock that make some areas better
2 than others.

3 But I think from a completion and a
4 targeting standpoint, the reason we've advocated to put
5 this all as one pool is that anything within this
6 section really would be completed and targeted roughly
7 the same way. And if you were to take a stratigraphic
8 interval from the northeast corner down to the southwest
9 corner, you're effectively going to try and complete it
10 the same way. So it's a resource play in that sense,
11 but there always is some variability there that makes
12 some areas better than others.

13 Q. Okay. So the pools that are existing right
14 now, they were discovered by maybe bailouts from Morrow
15 wells or something?

16 A. Right. Right.

17 Q. So why were -- why were -- those were -- were
18 those conventional reservoirs?

19 A. Many of them were. They did not require modern
20 multistage stimulation. They probably had a little bit
21 of acid put on them and they flowed. We have not
22 targeted those as much. For us, we -- you know, some of
23 those targets are potentially still available here, but
24 really for us and I believe for Mewbourne, we've kind of
25 targeted the more unconventional organic-rich intervals

1 here. So the preexisting pools were far more
2 conventional in nature in terms of their exploration and
3 how they were found and their exploitation and how they
4 were developed.

5 Q. Okay. So -- so those pre -- those 61 pools,
6 they're not -- the new -- the new concept of the
7 horizontals with the big frac jobs and targeting the
8 organic-rich shales are -- it's a totally different
9 concept that requires a big pool to manage it
10 efficiently; is that correct?

11 A. To my knowledge. And that's our assertion. I
12 can't speak to every one of the 61 pools out there, but
13 it's our assertion that modern development, it would be
14 advantageous to create a large pool that's planned with
15 the requirements that Mr. Carleton has already outlined
16 and that will be outlined by the next witness as well.

17 Q. Okay. So geologically you can see this as one
18 big package, and it's sourced from below or inside?

19 A. Are you talking about from hydrocarbon?

20 Q. Yeah.

21 A. Yeah. I mean, we're basically -- when we talk
22 about the old -- the old kitchen, you know, versus
23 reservoir, I mean, we're drilling in the kitchen right
24 now. So we're targeting the source rocks themselves.

25 Q. Okay. Okay. What about the Wolfbone? Is

1 this -- are you familiar with the Wolfbone that's -- in
2 other words, is there going to be a situation where we
3 have somebody drilling, right, at the very top of this
4 Wolfcamp play or right at the bottom of the Bone Spring
5 and logically wanting to carve out part of your pool
6 vertically?

7 A. I can't speak to other operators -- other
8 operators at Matador. We don't view the Lower 3rd Bone
9 Spring to be prospective in this part of Eddy County.
10 That's not to say that that couldn't change with time.

11 On the base of the pool, we -- I mean,
12 there is -- effectively, once you go below the -- the
13 pool base, you're now at the conventional targets, so
14 Atoka, Morrow and Strawn. So those would be completed
15 differently, in our opinion. So I think that the base
16 of the pool, there's very little risk of that, and in
17 our opinion, I think there is very little risk of that.
18 I think there have been very few Lower 3rd Bone Spring
19 completions in this part of the Eddy County, so we see
20 that as a low risk.

21 Q. Okay.

22 A. But that's from Matador's perspective, and we
23 can't speak for every operator. But, again, I think
24 it's low risk. And the Wolfbone is -- as it was
25 originally done, was done as a vertical play where they

1 would drill down to the base of the Wolfcamp and really
2 frac anything that had porosity and looked like it would
3 produce oil all the way up to the Bone Spring, and that
4 is certainly not what we've advocating for here.

5 Q. Okay. What about the Cisco Canyon -- or the
6 Upper Penn? Is that -- is that going to be prevalent
7 here and going to interfere with this pool on the bottom
8 part?

9 A. No. I mean, the Cisco Canyon -- the canyon is
10 in the base of the -- that is included in the base of
11 this pool, but Cisco Canyon production as we know it
12 typically exists further to the west and to the
13 northwest and Dagger Draw.

14 And one reason we've advocated to include
15 that here is we feel it provides sort of the most
16 operational clarity, that the pick of the base of the
17 pool here is pretty straightforward. When we actually
18 start trying to pick the top of the Wolfcamp -- I'm
19 sorry -- the top of the Cisco or the top of the canyon,
20 that's actually a very difficult pick, and really
21 breaking those out of the separate pools would cause a
22 scenario, which you outlined earlier of the Wolfbone,
23 where you potentially would have people trying to get
24 right under the existing pool.

25 So for us, we've -- we've -- we've rolled

1 that into the Wolfcamp pool. Operationally, that's how
2 most operators pick the Wolfcamp now, but we feel like
3 that's the most straightforward and probably the one
4 that will generate the least amount of headaches moving
5 forward.

6 Q. But you're not proposing a vertical setback in
7 those pools? That wasn't advised at all?

8 MR. BRUCE: No, sir.

9 Q. (BY EXAMINER JONES) Okay. What about managing
10 the pools? Are you going to drill any cores and try to
11 learn more about it as time goes on? You've got this
12 huge resource here so --

13 A. Yeah. We always try and learn more. I
14 wouldn't want to speak to Matador's data-acquisition
15 plans, but I will say that we are always eager to learn
16 more about this.

17 Q. Well, the manager is not going to know to do it
18 unless you tell him --

19 A. Yes.

20 Q. -- that he needs to do it, and then he'll
21 probably tell you no, but at least --

22 A. Trust me. Trust me. My -- the executives are
23 very tired of me talking about data collection.

24 Q. But you've got to keep talking --

25 A. Yes.

1 Q. -- because otherwise, you know, some day there
2 won't be any targets.

3 A. No. Exactly. Matador takes that very
4 seriously. We do acquire data, and I know Mewbourne
5 does as well.

6 Q. Okay. Have you talked to any other geologists
7 with other companies? Are they on board with this?

8 A. I personally have not spoken to any of the
9 other geologists. I know that the -- the geologists who
10 operate in this area have spoken to a number of other
11 operators, and I believe they are in support.

12 Q. Okay. And Paul Kautz is our geologist in
13 Hobbs. Have you talked to him?

14 A. I personally have not.

15 Q. Okay. Okay. I thank you very much.

16 A. You're welcome.

17 EXAMINER JONES: Mr. Brooks?

18 MR. BROOKS: No questions.

19 THE WITNESS: Thank you.

20 MR. CARR: I'd like to just get one thing
21 for clarification, following up on your questions about
22 the Wolfbone pool.

23 Again, we're not precluding people coming
24 back later with an appropriate case in this area to
25 establish some special rules for there if required.

1 MR. BRUCE: "If required."

2 MR. CARR: And if we can show geologically
3 that we would need different rules for Wolfbone or
4 different spacing there or anything, that's all -- we're
5 not changing that. We're just trying to get rid of all
6 of this and start with a clean field.

7 MR. BRUCE: No new Division procedures are
8 intended with this application.

9 MR. CARR: Just want to be sure because I
10 was confused by that.

11 THE WITNESS: Apologize.

12 EXAMINER JONES: Thank you, Mr. Carr.

13 MR. BRUCE: You want to continue on,
14 Mr. Examiner?

15 EXAMINER BROOKS: Let's take a brief
16 recess.

17 EXAMINER JONES: Yeah, a ten-minute break.
18 (Recess 9:52 a.m. to 10:08 a.m.)

19 EXAMINER JONES: Back on the record in Case
20 Number -- the Matador case.

21 DREW ROBISON,
22 after having been previously sworn under oath, was
23 questioned and testified as follows:
24
25

1 DIRECT EXAMINATION

2 BY MR. BRUCE:

3 Q. Would you state your name for the record?

4 A. Drew Robison.

5 Q. And where do you reside?

6 A. Midland, Texas.

7 Q. Who do you work for and in what capacity?

8 A. Mewbourne Oil Company. My background is as a
9 reservoir engineer, and I'm currently the assistant
10 exploration manager of our Midland office.

11 Q. In that capacity, what are your duties?

12 A. I manage our, as I mentioned, exploration
13 office in Midland, consisting of our geologists, landmen
14 and reservoir engineers.

15 Q. And how long have you been doing this?

16 A. I've been working for Mewbourne a little over
17 ten years and about nine of those in the Permian.

18 Q. Have you previously testified before the
19 Division?

20 A. Yes.

21 Q. And were your credentials as an expert
22 petroleum reservoir engineer accepted as a matter of
23 record?

24 A. Yes, they were.

25 Q. And have you studied the -- this Wolfcamp

1 reservoir, the subject of this application today?

2 A. Yes.

3 Q. And are you familiar with the engineering
4 matters related to this application?

5 A. Yes, I am.

6 MR. BRUCE: Mr. Examiner, I tender
7 Mr. Robison as an expert reservoir engineer.

8 EXAMINER JONES: Any objection?

9 MR. CARR: No objection.

10 EXAMINER JONES: He is qualified as an
11 expert in reservoir engineering.

12 Q. (BY MR. BRUCE) And have you overseen an
13 engineering study in preparation for this application?

14 A. Yes, I have.

15 Q. And have you prepared exhibits to demonstrate
16 the results of your study?

17 A. Yes.

18 Q. Would you turn to Exhibit 14 and discuss the
19 contents of that map?

20 A. Yes. Exhibit 14, which is the large-scale map
21 you have, is a binder of a smaller version, easier to
22 read, of this larger-scale map. It's a regional map
23 highlighting the Wolfcamp or wells produced from the
24 within our pool boundaries. And what we have done is
25 taken the cumulative production and calculated GOR for

1 each well and color-coded each well by that GOR.

2 In December, when we met with the Division,
3 kind of the preliminary steps to creating this pool, it
4 was communicated to us that a rule of thumb of 3,000 GOR
5 cutoff. Anything in the gas well, anything less -- oil
6 well to expand on that from 1,000 to 3,000. It was kind
7 of a gray area. It's hard to determine whether it's oil
8 or gas, and below 1,000 is pretty definitively oil well.
9 We wanted to represent here the extent of the gas
10 production throughout this area.

11 So if you look at the high percentages of
12 wells coded with the red color, the majority of the
13 wells within this boundary are gas wells, under that
14 rule of thumb, the 3,000 GOR cutoff. We chose the
15 boundaries. And if you look in the northeast part of
16 this map, we excluded a portion up there because we
17 didn't feel like we had sufficient data. There are
18 townships that don't have any Wolfcamp production, and
19 then some of the Wolfcamp production there is more in
20 that gray area, that 1,000 to 3,000 GOR. So, again, we
21 didn't think we had sufficient data, so that's why we
22 cut it off where we did.

23 From that -- a few other points from that
24 meeting we had was the Division did not want to sever
25 the Wolfcamp into -- into multiple horizons, and I think

1 Mewbourne and Matador agree with that. It would be a
2 difficult thing to do. And we did not want to have
3 overlapping pools within the Wolfcamp. And that's the
4 reason for the abolishment of the existing pools, so we
5 don't have overlapping pools within the Wolfcamp.

6 Q. You're not a geologist, but from your study of
7 the area, if there was an upper Wolfcamp pool, would it
8 kind of be hard to define either the bottom of that
9 upper Wolfcamp and the start of a lower Wolfcamp?

10 A. That's correct.

11 These are unconventional reservoirs, and
12 we're still learning where to target within the
13 formation. And there are a lot of variables involved,
14 including frac size and completion design. And so by
15 severing that, I think we create a lot of future issues,
16 where the current top of the -- the proposed top of the
17 Wolfcamp, which is pretty much the industry standard, on
18 the top of the Wolfcamp, and what the Division
19 recognizes is what we're sticking with.

20 Q. And if there was an upper Wolfcamp pool in this
21 area, would it require a -- really a -- I'm trying to
22 think of the right way to put this without sounding
23 greedy, but an issue with vertical setbacks that might
24 leave a lot the reservoir unexposed?

25 A. That's correct. It would.

1 Q. Which would be a waste of reserves?

2 A. Correct.

3 And one other point on the pools, one of
4 the previous exhibits lists out the pools, and there are
5 currently 61. I just wanted to point out that many of
6 those are wildcat pools. Probably a third of those are
7 still classified as wildcats. They really haven't been
8 put into established pools yet. And, again, we're just
9 trying to establish some clarity here and making sure
10 that we have a consistent playing field across the whole
11 area.

12 Mewbourne's had instances where we've
13 had -- where we've drilled across pool lines and had to
14 get downhole commingles on wells, or we've drilled off a
15 lease line, mirroring another well, and they were placed
16 in a pool with special pool rules and special
17 allowables, and we were placed in a pool without those
18 special rules, and so we had to restrict our well, which
19 is the offset, which was able to produce its full
20 allowable. And we're just trying to minimize cases like
21 that.

22 Q. Now, this came up with respect to the other
23 witnesses. But we're at the south end of the state of
24 New Mexico. These Wolfcamp producers continue down into
25 West Texas; do they not?

1 A. Yes, they do.

2 Q. And at Mewbourne, are you also in charge of
3 West Texas Permian development?

4 A. Yes, I am.

5 Q. Could you address a little bit about the pools
6 and the spacing and the setback there?

7 A. Yes.

8 In Texas, there are a few different pools.
9 But just to the south of Eddy County, the major pool
10 there is called Phantom Wolfcamp, and it's spaced up to
11 640 acres in the Wolfcamp, with 330-foot setbacks
12 perpendicular to the wellbore and actually 200 feet from
13 the heel of the toe. So you're able to take the heel of
14 the toe even further. And it seems to work well, and
15 all the operators are in support of that.

16 There are a few other fields, too, that
17 would encompass the Wolfcamp that have special rules
18 very similar to that. It does seem to work well.

19 Q. Thank you.

20 Why don't you move on to Exhibit 15 and
21 discuss the type of reservoir you believe exists in the
22 Wolfcamp in this area?

23 A. Exhibit 15 is taken from the textbook
24 "Properties of Petroleum Fluids" by McCain. When we're
25 doing our engineering study, we were trying to determine

1 the reservoir fluid type, and it seems to us that the
2 data we have in this area is likely a retrograde
3 condensate reservoir, retrograde gas reservoir. The
4 four points you have here are what McCain defines as the
5 characteristics of a retrograde gas reservoir.

6 So the first one is a GOR of approximately
7 3,300 to 150,000, and he says those are pretty loose and
8 not definitive cutoffs. The same thing on the stock
9 tank liquid gravity of 40 to 60 degrees. The third one
10 describes the stock tank, the color of it, lightly
11 colored, brown, orange, greenish, or water-white. Those
12 three are very broad definitions and kind of provide a
13 range for what's reasonable, and it's hard to say it's a
14 specific cutoff in either way. And the stock tank
15 liquid description, that's something that's not readily
16 available either. It's not something that's provided on
17 a completion report. So outside of us, Mewbourne and
18 Matador, actually going to the field, that's not some
19 data we have in a database.

20 The fourth one and probably the most
21 definitive is the reservoir fluid composition was a half
22 tank plus or less than 12.5 mole percent. The problem
23 with this is it requires PVT data, which is very
24 expensive. We do have -- Exhibit 18 is the PVT data we
25 have, and I'll go through that in a minute. But it's

1 not something I think any company wants to do on a
2 regular basis because it can cost, on average, \$30,000
3 per well to go do. And especially with oil prices where
4 they are today, getting data collection -- you know, a
5 budget for data collection is not something that
6 management's on board with right now.

7 Q. Well, let's walk through your analysis. Could
8 you identify Exhibit 16 and what that shows about the
9 proposed -- wells in the proposed pool?

10 A. Yes. Exhibit 16 is basically taking the data
11 from the map, which is the Wolfcamp producers within the
12 proposed boundary, and it's a distribution of water,
13 cumulative frequency plots, of the GORs for those wells.
14 And what we're showing here is that 92 percent of the
15 wells have a GOR greater than the 3,000. That's why
16 we've decided to approach this as designating this as a
17 gas pool because we think, in all statistical
18 likelihood, the majority of these wells would fall above
19 that 3,000 GOR. And that's why we want to consider
20 these gas wells.

21 If you look, there is 8 percent that are
22 below that. Many of those are either commingled with
23 Bone Spring vertically, they're already in an existing
24 gas pool or the same proration unit as a gas well or
25 there are production issues. And I've highlighted some

1 of those on the map. There are comments next to some of
2 the wells that are in green or in gray.

3 A lot the wells in gray are flaring gas.
4 And so the production data we have, it's maybe only for
5 a few months, but it's probably not complete. And then
6 some of the older wells, maybe they've never even turned
7 the well to gas sales. Even though the IP would show
8 20,000 GOR, they would only sell a couple hundred
9 barrels of oil and move on to another zone. So I think
10 the likelihood could even be greater than 92 percent
11 that you're going to encounter gas.

12 Q. So there are some reporting issues simply
13 because at the beginning life of the well, they might be
14 flaring gas that doesn't show up?

15 A. That's correct.

16 Q. Go ahead.

17 A. That's all I have for Exhibit --

18 Q. Exhibit 17 then.

19 A. -- 16.

20 Yes. Exhibit 17 -- I know originally API
21 gravity was one of the rules of thumb, I'll call it,
22 that the Division used for determining whether it's a
23 gas well or an oil well. What I plotted here is the API
24 gravity versus that GOR. Unfortunately, API gravity
25 data is not readily available. There is a box for it on

1 all completion reports, but a lot of operators leave
2 that blank. And so we don't have that data for the
3 previous -- well, Exhibit 16 has about 250 wells. This,
4 I think, has 60 or 70 wells that we have data points on.
5 But what we're trying to show here is the API gravity of
6 all these wells falls within McCain's range of a
7 reasonable retrograde gas stock tank liquid gravity.

8 And also I've highlighted two points, and
9 these are two points where Mewbourne had data. And they
10 seem to represent on the lower end of the range of that
11 API gravity and even on the lower end of the GOR range,
12 but they were confirmed with PVT data that they're gas
13 wells.

14 Q. And what is Exhibit 18?

15 A. Exhibit 18 is the PVT data we had available.
16 It's data that Mewbourne's collected and also Matador
17 has collected. We also added Cimarex. In their case,
18 when they amended the pool rules around White City -- I
19 think it was Case Number 15430. Oh, yeah, it's at the
20 bottom there -- we used that data in this table, also.
21 So I guess to get a full PVT analysis, you have to go
22 get surface samples, physically recombine them in a lab
23 and place them at reservoir conditions, and then measure
24 the composition of that fluid. So it is a costly -- a
25 costly test.

1 When we met in December, I believe we
2 communicated to the Division that neither Mewbourne or
3 Matador had any data at that time, and we have since
4 went and collected this data to help with our case.

5 We have five data points here, and all of
6 them show to be retrograde gas reservoirs and that their
7 initial reservoir pressure was above the dew point,
8 which is the second-to-right column, the lab-measured
9 saturation pressure, which is going to be your dew point
10 for a gas reservoir.

11 And then the final column is that heptanes
12 plus. We did not have that data on the Cimarex well,
13 but in the four wells that Mewbourne has, all of those
14 are less than the 12-and-a-half percent which McCain
15 says is the most definitive cutoff for determining
16 retrograde gas versus a bubble -- reservoir.

17 Q. Do you consider the -- across the proposed
18 pool, do you consider the reservoir fluid across this
19 area to be relatively similar?

20 A. Yes.

21 Q. Let's turn to Exhibit 19.

22 A. Exhibit 19 -- the previous exhibits were more
23 testifying to why we think these should be spaced on
24 320s. I think now, the next couple of exhibits, are
25 going to be why we think we should have 330 setbacks and

1 why we think that is reasonable.

2 Exhibit 19 is just a cartoon exhibiting the
3 different stress directions. And what we're showing
4 here is that the fracs tend to initiate -- the fracture
5 is in red there. They tend to initiate in the direction
6 of the maximum horizontal stress.

7 In this area, Mewbourne and Matador -- and
8 I believe Cimarex testified to this also -- we believe
9 the frac orientation is roughly north 45 east, so
10 essentially due northeast to southwest.

11 Q. Part of that -- part of the effect of that is
12 some operators prefer to drill lay-downs; others prefer
13 to drill stand-ups?

14 A. That's right. Yeah.

15 Looking at the map, you'll see in this
16 area, both east-to-west laterals and north-to-south
17 laterals, and I think we're pretty fortunate to be able
18 to do that. There are a lot of areas that you're not
19 able to drill in either direction, to drill
20 perpendicular to that maximum horizontal stress. So
21 this allows a lot more flexibility for land issues.

22 Q. It's up to the operator; gives them more
23 flexibility?

24 A. That's correct.

25 Q. Okay. And the data -- what you just talked

1 about, north 45 degrees east, that's consistent with
2 what Mewbourne and other operators have experienced in
3 drilling and completing the Wolfcamp wells in this area?

4 A. That's correct.

5 Q. Before we get to the next exhibit, if I could
6 summarize for you -- or have you summarize for me, you
7 do believe this is a gas reservoir?

8 A. Yes, I do.

9 Q. And as a result, should it be spaced on
10 320-acre units?

11 A. Yes.

12 Q. With 330-foot setbacks -- we'll get into that
13 in a minute -- will that allow additional flexibility in
14 drilling wells?

15 A. Yes, it will.

16 Q. And will there be any adverse effect on
17 offsets?

18 A. No, there will not.

19 Q. Let's go to discuss the well spacing and the
20 well locations. Could you -- how about looking at
21 Exhibit 20, and move to Exhibit 21 and discuss what
22 you're showing?

23 A. Okay. Exhibit 20 is a cartoon so you can
24 visually see the potential waste with 660 setbacks.
25 What we've done here is we've set up a west half unit

1 and an east half unit, and we're showing three wellbores
2 in each of those units with 660 setbacks.

3 In orange there, those are the projected
4 drainage pattern from those fractures. So that's
5 following a northeast to southwest frac orientation.
6 And we're making some assumptions here on half lengths
7 based on data we have. This is very -- this is an
8 unconventional reservoir, so the permeabilities are very
9 low. That's why we don't think we're draining past 660
10 from the wellbores. And in all likelihood, it's more
11 like 330 from those wellbores.

12 Mewbourne has a company that's drilled
13 wells as close as 880 feet apart, so that would be
14 potentially a 440 setback, with no interference between
15 wells. We are currently drilling and Matador is too
16 wells that are 660 apart and testing that idea. The
17 data points we have that show at least a 440 setback, I
18 think help us make the point that 660 is too much and
19 will cause waste.

20 So with that and with the three wells per
21 320, this yellow area highlighted around the outside of
22 the boundary of each unit is what we would call
23 undeveloped hydrocarbons and potential waste. In
24 calculating that area, it's roughly 220 acres of
25 potential waste.

1 Q. And if you have 330 setbacks?

2 A. The next exhibit is the same spacing between
3 wells but with 330-foot setbacks. And what it allows us
4 to do is increase recoveries by 52 percent. These are
5 rough estimates, just kind of an example of what could
6 potentially happen. There are a lot of different
7 horizons, and we're still learning, and a lot of
8 different variables involved, frac size and where you
9 target your lateral. We're representing these as all
10 targeting the same interval.

11 And the example I mentioned earlier about
12 Mewbourne putting wells 880 apart, those were in the
13 same interval. So there are going to be different
14 horizons, and there is a lot we're still learning. But
15 allowing us to do this will also save on facility costs
16 versus being on 160s. We won't have to file surface
17 commingles on different proration units, and we'll be
18 able to -- any well within the same 320 will then be
19 able to share the same surface facilities.

20 Q. And the Wolfcamp is a low-permeability
21 reservoir?

22 A. That's correct.

23 Q. And so that is one of the main reasons 330
24 setbacks -- 330-foot setbacks won't affect any offset
25 operator?

1 A. Correct.

2 Q. And you got to it. If the application is
3 approved -- you already mentioned surface facilities --
4 one set of surface facilities for a single 320-acre well
5 unit. At this point in development -- I'm sure you
6 discussed this with Matador -- certainly Mewbourne isn't
7 certain how many wells will be drilled in what different
8 depths of the Wolfcamp at this point?

9 A. I think our spacing is unknown. We have quite
10 a reasonable range right now what we expect, and we do
11 know it's going to be more than one well per 320.
12 And we're going to need to space them tighter than
13 1,320 [sic] feet between wellbores, and that's why we're
14 here today. But we are still learning.

15 Q. But with allowing the 320 acres, it gives a lot
16 more flexibility with respect to well locations?

17 A. That's correct.

18 If we put a quarter-quarter line in the
19 middle of each of those 320s, if we determine that six
20 wells per section is the proper spacing, we would not be
21 able to develop it on 160s. And so I do know if we go
22 to go 160s, we will have waste just because of the
23 creation of additional boundaries that we'll have to
24 work around.

25 Q. And with the current 660-foot setbacks and, of

1 course, when you get into the intervals within a well
2 unit, that's what's leading Mewbourne, Matador and other
3 operators to file a large number of NSL applications?

4 A. That's correct. It seems to be pretty standard
5 in the industry now, both Texas and southeast
6 New Mexico, to be going at least 330 feet from the
7 boundaries.

8 Q. Okay. Let's talk about -- in that regard,
9 Mewbourne and Matador are drilling wells at various
10 depths throughout the Wolfcamp at this point?

11 A. That's correct.

12 Q. Not just in one hot zone that people see?

13 A. Right.

14 I would say the majority of the wells have
15 been drilled horizontally in roughly the same interval
16 in the middle of the Wolfcamp, but we are testing. I
17 believe I've seen seven different distinct target zones.
18 We don't know how they relate to one another, though.
19 The first -- the first target zone, the second -- can
20 you drain the first target zone with the second zone and
21 the third with the second? And that's why creating
22 severances within the -- within the Wolfcamp would be a
23 difficult thing to do.

24 Q. Let's discuss allowables just briefly. You're
25 asking that this be declared a gas pool?

1 A. That's correct.

2 Q. And under a normal -- under statewide rules, a
3 gas pool does not have any oil allowable here?

4 A. Correct.

5 Q. And that's what you're asking for here?

6 A. That's correct.

7 Q. And is it your understanding even if a well,
8 either a horizontal or a vertical, was drilled in one of
9 the 320-acre units and appeared by all evidence to be an
10 oil well, it would still be considered a gas well spaced
11 on 320 acres?

12 A. That's correct.

13 Q. And with no allowable?

14 A. Correct.

15 MR. BRUCE: And that was taught to me by a
16 certain guy named Mike Stogner, Mr. Carr's twin brother.

17 (Laughter.)

18 MR. CARR: I have a response, but we'd have
19 to ask that it be stricken from the record.

20 (Laughter.)

21 Q. (BY MR. BRUCE) Mr. Robison, do you believe that
22 the creation of the Downey-Wolfcamp Gas Pool and the
23 institution of the special rules will simplify
24 development and operation of the pool compared with
25 having dozens and dozens and dozen of separate pools in

1 this area?

2 A. Yes, it will.

3 Q. And do you believe that the granting of this
4 application is in the interest of conservation and the
5 prevention of waste?

6 A. Yes.

7 Q. And were Exhibits 14 through 21 either prepared
8 by you or under your supervision?

9 A. Yes, they were.

10 MR. BRUCE: Mr. Examiner, I move the
11 admission of Exhibits 14 through 21.

12 MR. CARR: No, sir.

13 EXAMINER JONES: Exhibits 14 through 21 are
14 admitted.

15 (Matador/Mewbourne Exhibit Numbers 14
16 through 21 are offered and admitted into
17 evidence.)

18 MR. CARR: No questions.

19 CROSS-EXAMINATION

20 BY EXAMINER JONES:

21 Q. Do you have any idea of what pressures you're
22 getting when you drill into this reservoir?

23 A. Yes. The Wolfcamp in this area is
24 overpressured. I think we've seen gradients from .6 to
25 .75 psi per foot.

1 Q. Okay. Okay. What abandonment pressure would
2 you assume within -- I guess within the frac complex of
3 one well?

4 A. That's a difficult question with horizontal
5 wells and unconventional wells.

6 Q. Okay.

7 A. As you know, your drainage is a lot different.
8 It's -- basically, we're only draining a few feet away
9 from the rock we touch with a frac, and so you're not
10 really pulling down a reservoir pressure in a
11 traditional sense. So I think in a lot of instances, I
12 think it would be how much time you're going to leave
13 the well shut in. And probably, maybe if I was
14 ballparking, 1,000 pounds abandonment when you get a
15 tighter reservoir. It would be difficult to draw it
16 down to much lower than. But it's so early in the life
17 of this play, it's difficult to say.

18 Q. Those samples you did for reconstituted PVTs,
19 were you able to get a -- draw a curve on -- on the --
20 actually how it -- so just calling it retrograde gas
21 condensate [sic] kind of decide where -- where the curve
22 is on that or --

23 A. Are you talking about like a phase envelope?

24 Q. Phase envelope.

25 A. Yes. I don't -- I don't believe we actually

1 got one, but what we're seeing, though, is that the
2 initial reservoir pressure is above that dew point. So
3 at its initial state, it's all gas in the reservoir.

4 Q. Okay. I guess -- so how close would you need
5 to drill for the wells to actually be in communication
6 with each other so that you might take a section and
7 drill it up real close and then maybe reinject the gas
8 so you could recover more from your reservoir?

9 A. Right. I don't know that we know that yet. I
10 know it's going to be less than 880 feet between wells.

11 Q. Okay.

12 A. But I don't think we have an answer to that
13 yet.

14 Q. Okay. Well, speaking of that, the stress
15 magnitude and direction, is your frac height higher than
16 your frac length? In other words, your half length of
17 your frac if you consider it going laterally --

18 A. Right.

19 Q. -- is that not as high as it's going
20 vertically?

21 A. No. I think we're getting similar heights to
22 lengths or less height to length. But it depends on
23 where in the formation we target the lithology. Do you
24 have frac barriers? Do you have some -- carbonates come
25 and go in different areas. The carbonates provide

1 pretty good frac barriers. Since we're not targeting
2 those -- I mean, there are a lot of variables.

3 Q. Okay. So your behavior on your fracs when you
4 do it -- so basically you want to drill stand-up wells,
5 north-south wells?

6 A. We're open -- within this boundary, I think
7 we're comfortable drilling either east-west or
8 north-south.

9 Q. And your fracs go off about the same? I mean,
10 when they turn and hit the stress direction, they're --

11 A. Correct.

12 Q. Why didn't you ask for the 200-foot
13 heel-and-toe relief here?

14 A. Well, I guess a few things. We've never seen
15 that done in New Mexico. That was something that I've
16 only seen in Texas. Since we started preparing this
17 application, I've seen a few isolated cases now. We've
18 noticed, as an offset operator, where operators are
19 doing that in, I believe, the Avalon, but maybe in the
20 Wolfcamp, also.

21 Q. Okay.

22 A. But with the frac orientation being
23 northeast-southwest in Texas, I think the orientation
24 starts to change a little bit.

25 Q. Oh, okay. Okay.

1 So is your company big into gas processing?
2 In other words, are you -- you own the processing
3 facilities, or do you like to have a third party take
4 care of that?

5 A. We do not own the -- I believe Matador's
6 putting in a gas processing plant, but Mewbourne does
7 not. We use third party.

8 Q. Okay. But it sounds like there is a lot of
9 money in the liquids, you know, the propane and the --

10 A. Correct.

11 Q. -- butane and everything.

12 So is that true, that's a lot of what
13 you're getting when you drill these wells? So by the
14 time they get to surface, they're back into the -- well,
15 the reservoir's actually going to change as the pressure
16 goes down --

17 A. Right.

18 Q. -- itself, which is not good?

19 But you're actually drilling these for
20 liquids, is that correct --

21 A. Yes.

22 Q. -- economically?

23 A. The liquids make it -- if it was just the gas
24 component, we would -- these would not be economical
25 wells. But, I mean, a lot of the wells we're drilling

1 have EURs of 4 to 5 bcf of gas.

2 Q. Oh, they do?

3 A. So there are significant reserves there in the
4 Wolfcamp.

5 Q. Oh, okay.

6 So how would you manage this reservoir the
7 best way? You're the exploration manager now, but
8 you're also a reservoir engineer --

9 A. Yes.

10 Q. -- so how would you -- what would you do to
11 this reservoir to get the most out of it --

12 A. Right.

13 Q. -- and keep from getting laid off from your
14 company because you spent so much money?

15 A. I would say we're still learning there. We're
16 testing choke management to see if we get additional
17 liquid recoveries. If we can -- the fundamental of a
18 retrograde gas reservoir is you want to stay above that
19 dew point for as long as possible. You want the
20 hydrocarbon molecules migrating out of the formation as
21 a gas, and you don't want the liquid to start dropping
22 out of the formation. You could start having some
23 condensate blockage and decrease in relative perm.

24 So Mewbourne, as a company, we are
25 restricting our wells initially, and we're trying to

1 learn what that -- the optimum rate to produce that is.
2 Again, we're changing frac size. We're changing lateral
3 lengths. We're doing a lot of different things. We try
4 to just be gradual in opening chokes, and I believe
5 Matador does the same thing. And we don't go to full
6 open choke from the beginning. So some of our wells
7 have been on a couple years, and they still have some
8 choke on them.

9 Q. So it's critical to get a good frac job and
10 kind of get -- so do you drill a bunch of wells and frac
11 them all at the same time?

12 A. I think that's ideal. If not, you create
13 pressure sinks, where if you get too close to a well,
14 then you'll get a preferential frac direction towards
15 that pressure sink. So yeah, ideally, we'd probably
16 drill this whole thing at once and frac it all at once,
17 and that's not realistic. I know Matador's doing it and
18 Mewbourne is now, where we're drilling multiple wells at
19 a time and trying to frac them together.

20 Q. What about pilot holes? Do you plan on
21 drilling a certain number of per section?

22 A. No. The reservoir is so continuous across this
23 area and there are so many existing vertical wells, it's
24 pretty easily mappable.

25 Q. Oh.

1 A. And being -- there is not a lot going on
2 structurally. I don't know of many faults through the
3 area, so we're able to predict pretty well without
4 drilling pilot holes. And to date, Mewbourne has not
5 drilled any pilot holes in the Wolfcamp. We haven't
6 felt it was necessary.

7 Q. Do you have any models set up? And you have
8 all the data you need for the relative perms and the
9 fluid -- all the fluid data or updating you need to best
10 predict?

11 A. I don't think we need to. We don't have any
12 core data or anything on the Wolfcamp right now. The
13 reservoir fluid data we do have from the PVT now.

14 Q. So the dry mechanism is just gas expansion in
15 the reservoir then?

16 A. Right.

17 Q. And there are no rates -- you don't consider
18 this to be a rate-sensitive situation at all?

19 A. Like production rate sensitive?

20 Q. Yeah, except for the limitations of what you
21 talked about earlier.

22 A. Right. Right. And yeah, a lot the reason we
23 are choking holes back is due to the saltwater disposal
24 capacity, pipeline capacity. I mentioned a lot these
25 wells are having to vent gas. There are gas take-away

1 issues in this area. So it's not always just reservoir
2 management. But it's causing us to be conservative, I
3 think, with our choke management.

4 Q. Okay. So both of your companies have gotten
5 together and you agree on this proposal?

6 A. Yes.

7 EXAMINER JONES: Mr. Brooks?

8 EXAMINER BROOKS: No questions.

9 EXAMINER JONES: Mr. Carr, any more
10 questions?

11 MR. CARR: No, sir.

12 EXAMINER JONES: I don't think we have
13 anything else.

14 We might ask Karen to say a word or two, if
15 she's still on the line.

16 Karen?

17 MS. SHARP: I'm still here. Thank you. I
18 do have a couple of questions, but it's mostly
19 clarification because I don't understand some of these
20 procedures here. I'm definitely not an expert in any of
21 this, but when you start talking about paperwork, my
22 ears perked up little about bit.

23 EXAMINER JONES: Well, first of all, is the
24 Applicant okay with her asking a question or two?

25 MR. BRUCE: Yes.

1 EXAMINER JONES: Okay, Karen. Comments
2 mainly, but, you know, if you have -- because we're
3 going to continue this for four weeks.

4 MS. SHARP: I just did have one comment
5 concerning the paperwork, and that is if there is going
6 to be two on two [sic], a plat required for each well
7 because of the pool change, the name of the pool change
8 and the pool code as well. And, of course, that's going
9 to affect -- affect taxation and revenue, too. So I
10 don't know exactly what all we're going to have to have,
11 but I know each well involved is going to have to have a
12 C-102 filed just for the pooling name change, if nothing
13 else. You know, if the acreage stays the same, the
14 dedication will -- you know, that's -- that's to be
15 determined also. But just for the pool name change,
16 it's going to have to be filed for that reason.

17 EXAMINER JONES: Okay.

18 MS. SHARP: I also was curious
19 about -- you talk about wells drilled and wells to be
20 drilled. Well, what about the wells currently permitted
21 and not drilled? Will they fall under this -- can they
22 keep the same acreage, or will they be required to
23 change prior to drilling the well? I wasn't sure about
24 that. I looked through the papers, and I couldn't find
25 anywhere where it says "abolish." So I'm not -- I'm not

1 real clear on that either. In the next four weeks or
2 whatever the continuation is on this, I'm sure you guys
3 can straighten me out.

4 EXAMINER JONES: Okay. Okay. Thanks,
5 Karen. And we will ask the Applicant to get their -- I
6 guess one Applicant here, but two companies basically
7 spearheading this. So maybe a regulatory person can
8 talk to -- you know, make sure the BLM and the State,
9 OCD --

10 MR. BRUCE: We'll do that.

11 EXAMINER JONES: Anything else, Karen?

12 MS. SHARP: That was all. Thank you.

13 EXAMINER JONES: Thank you for listening.

14 MR. BRUCE: That's all I have,
15 Mr. Examiner.

16 EXAMINER JONES: Okay. Thank you-all for
17 coming.

18 And with that, we'll continue case 15535
19 until September the 15th.

20 (Case Number 15535 concludes, 10:46 a.m.)

21

22

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24

25

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,
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8 that I reported the foregoing proceedings in
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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
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16 I FURTHER CERTIFY that I am neither
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