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2	FOR APPLICANT BURNETT OIL COMPANY, INC.:	
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- 1 Q. (BY MR. BRUCE) Mr. Means, let's first run
- 2 through Case 15566.
- MR. BRUCE: And, Mr. Examiner, both exhibit
- 4 packages, one for each case, other than the land plat,
- 5 they're pretty similar. So --
- 6 O. (BY MR. BRUCE) What is Exhibit 1, Mr. Means?
- 7 A. Exhibit 1 is Form C-102 for the Nosler 12 Fed
- 8 LJ 7H well.
- 9 O. And what acreage is involved in this well unit?
- 10 A. It's going to be the north half-southwest
- 11 quarter and the northwest quarter-southeast quarter of
- 12 Section 12.
- O. So it will be a horizontal well unit?
- 14 A. Correct.
- 15 Q. And what formation is being tested by the 7H
- 16 well?
- 17 A. Glorieta-Yeso.
- 18 Q. And does the C-102 show the first take point --
- 19 the surface location and the first take point and the
- 20 bottom-hole final take point of the well?
- 21 A. It does. I can call those if you need me to.
- 22 Q. It's in writing.
- 23 Who do you seek to force pool in both
- 24 cases?
- 25 A. In both cases, Ard Oil and Ard Energy Group,

- 1 two separate entities, but kind of a collective
- 2 interest.
- 3 Q. Within the same family?
- A. Within the same family, yes, sir.
- 5 Q. And could you identify Exhibits 2 and 3 and
- 6 briefly discuss them for the Examiner?
- 7 A. Exhibit 2 is our well proposal to Ard Oil and
- 8 Ard Energy and the entity names are on the letterhead.
- 9 EXAMINER JONES: Thanks.
- 10 Q. (BY MR. BRUCE) This covers both wells; does it
- 11 not?
- 12 A. Correct. You'll note the proposal -- we've
- 13 proposed both of the wells together. And the reason is
- 14 efficiency and your time, Mr. Bruce's time, my time, and
- 15 for continuous drilling, it gives us a year, 180-day
- 16 clock and a year of drilling inventory, if you will.
- 17 This was just a proposal letter we sent to Mr. -- well,
- 18 to Ard, Ard Oil and Ard Energy proposing both the 7 and
- 19 8H well. Included in the proposal was an AFE for the
- 20 well, location plat, and for the 7H, directional
- 21 drilling survey, and a copy of our operating -- existing
- 22 operating agreement.
- Q. And what is Exhibit 3?
- 24 A. Exhibit 3 is a separate letter -- separate
- 25 letter of even [sic] date to Ard Oil and Ard Energy

- 1 wherein we made three separate proposals for them to --
- 2 you know, offers for them to join or commit their
- 3 interest to both wells. One is we sent the operating
- 4 agreement with the letter, but then, again, an extra set
- 5 of signature pages to join the existing operating
- 6 agreement for the well, made a term assignment offer,
- 7 very reasonable terms, and then the third offer to join
- 8 a separate operating agreement -- just enter an
- 9 operating agreement, and we would do an overriding
- 10 royalty interest. We'd go out on an override in lieu of
- 11 the nonconsent penalty.
- 12 Q. And you have dealt quite often with the Ards in
- 13 the past regarding other wells? Burnett Oil has drilled
- 14 in sections -- in adjoining sections and in this section
- 15 also; is that correct?
- 16 A. Correct. Yes, sir.
- 17 Q. Did the Ards ever respond to your letters?
- 18 A. No, sir.
- 19 Q. And is that pretty common? Has it happened in
- 20 the past?
- 21 A. It's very common. Yes, sir.
- 22 Q. What interest, collectively, do the Ards own in
- 23 the 7H well?
- 24 A. In the 7H well, it's 10.83438 percent.
- Q. And what is it in the 8H well?

- 1 A. In the 8H well, it's two-thirds of that number.
- 2 And the reason being, the southwest-southwest quarter of
- 3 Section 12 was earned by Concho pursuant to a term
- 4 assignment they had with the Ard Group that has since
- 5 expired. So Concho will be in that well for, let's say,
- 6 40 of 120 acres or a third of the 10 percent Ard
- 7 interest, and Ard will have the balance.
- 8 I will just note, in the offer letter,
- 9 Schedule 1 has the Ard interest that was separated out
- 10 by entity and then obviously the collective interests.
- 11 Q. You are not seeking to force pool COG in the 8H
- 12 case?
- 13 A. No, sir. They're subject to an operating
- 14 agreement. And in the 8H case, we'll just propose the
- well pursuant to the operating agreement, and they'll
- 16 participate or not.
- 17 Q. In your opinion, have you made a good-faith
- 18 effort to obtain the voluntary joinder of the Ard
- 19 entities in both cases?
- 20 A. Yes, sir.
- O. What is Exhibit 4?
- 22 A. Exhibit 4 is a copy of the AFE for the 7H well.
- Q. And what are the completed well costs?
- A. The completed well costs, 2.565 million.
- 25 O. And is that cost fair and in line with the cost

- 1 of other wells drilled to this depth in this area of New
- 2 Mexico?
- 3 A. Yes, sir.
- 4 Q. And do you request the maximum cost plus 100
- 5 percent risk charge in the event Ard entities do not
- 6 voluntarily join in the wells?
- 7 A. We do.
- Q. What overhead rates do you request?
- 9 A. Our existing operating has 6,000 a month
- 10 drilling and 600 a month producing, and that's our
- 11 request.
- 12 Q. And are those the rates in your JOA?
- 13 A. They are.
- Q. And in your opinion, are those rates fair and
- 15 reasonable?
- 16 A. Yes, sir.
- 17 Q. Are they similar to the rates charged by other
- 18 operators in this area for Yeso wells?
- 19 A. Yes, sir.
- MR. BRUCE: And, Mr. Examiner, Exhibit 5 is
- 21 simply my Affidavit of Notice to the Ard entities. They
- 22 did receive actual notice.
- Q. (BY MR. BRUCE) And, Mr. Means, are the only
- 24 offsetting operators in this area COG, Apache and
- 25 Chevron?

- 1 A. That's correct.
- MR. BRUCE: And Exhibit 6, Mr. Examiner, is
- 3 my Affidavit of Notice to the offsets, and they did all
- 4 receive actual notice.
- 5 Q. (BY MR. BRUCE) Let's move on to the 8H case
- 6 very briefly, Mr. Means. Could you identify Exhibit 1
- 7 and describe the well unit in this case?
- 8 A. So Exhibit 1 is the case of the 8H well. This
- 9 will be the next 120-acre unit south, if will you. So
- 10 the project area, proration unit, will be the south
- 11 half-southwest quarter and the southwest
- 12 quarter-southeast quarter of Section 12.
- 13 Q. Again, a 120-acre well?
- A. A 120-acre unit, yes, sir. And, again, for the
- 15 Glorieta-Yeso.
- 16 Q. And your proposed surface location is in the
- 17 adjoining Section 11, correct?
- 18 A. That is correct.
- 19 Q. If that one can't be obtained, do you plan on
- 20 having a surface location in the southwest
- 21 quarter-southwest quarter of Section 12?
- 22 A. Yes, sir.
- MR. BRUCE: Mr. Examiner, we'd like that
- 24 reflected in the order in this case, in case we don't
- 25 get their preferred location.

- 1 EXAMINER JONES: Okay. Say that one more
- 2 time.
- 3 MR. BRUCE: In the application and in the
- 4 published notice in this case, they prefer a location in
- 5 the southeast-southeast of Section 11.
- 6 EXAMINER JONES: Okay.
- 7 MR. BRUCE: And that's on this plat.
- 8 EXAMINER JONES: okay.
- 9 MR. BRUCE: If that cannot be obtained,
- 10 they are going to have a location in the
- 11 southwest-southwest of 12. We would like that, in the
- 12 alternative, in the application so that we don't have to
- 13 come back later.
- 14 EXAMINER JONES: Okay. So these are
- 15 proposed wells? They're not approved yet for drilling;
- 16 is that correct?
- 17 THE WITNESS: The 7H -- we have an approved
- 18 APD for the 7H well, and we'll drill that in January.
- 19 And we have not filed, although we will file very soon,
- 20 the APD for the 8H well, which will be roughly a
- 21 midsummer drill of 2017.
- 22 EXAMINER JONES: So we're talking about the
- 23 8H?
- 24 THE WITNESS: Yes, sir.
- MR. BRUCE: Just that one.

- 1 THE WITNESS: And the 7H does not have a
- 2 surface location because of the dunes. We prefer the
- 3 surface location in the adjoining section, 11, to
- 4 maximize lateral length. So the 8H should work out.
- 5 Then we'll have the surface location in the adjoining
- 6 Section 11 to maximize the productive lateral for that
- 7 well.
- 8 EXAMINER JONES: If you don't get it, you
- 9 want the surface location southwest-southwest of 12?
- THE WITNESS: Of 12, correct.
- 11 Q. (BY MR. BRUCE) Mr. Means, Exhibits 2 and 3, are
- 12 those the same letters submitted in the first case for
- 13 the 7H well?
- 14 A. Yes, sir.
- 15 O. And what is Exhibit 4?
- 16 A. Exhibit 4 is the AFE for the 8H well reflecting
- 17 effectively the same cost, 2.575, completed well, a
- 18 little over a million dollars dry-hole cost.
- 19 Q. And, again, is this cost fair and reasonable
- 20 and in line with the cost of the other Yeso --
- 21 horizontal Yeso wells drilled in this area?
- 22 A. Yes, sir.
- 23 Q. And what overhead rates do you propose for this
- 24 well?
- 25 A. Same overhead rates, 6,000 a month drilling and

- 1 600 a month producing.
- Q. And are those rates fair and reasonable?
- 3 A. Yes, sir.
- 4 Q. Do you request that the rates be adjusted as
- 5 provided in the COPAS accounting procedure?
- 6 A. Yes, sir, every April.
- 7 MR. BRUCE: Mr. Examiner, Exhibit 5 is my
- 8 Affidavit of Notice to the Ard entities in the 8H well
- 9 case, and then Exhibit 6 is my Affidavit of Notice to
- 10 the offsets in the 8H case.
- 11 Q. (BY MR. BRUCE) Again, the same -- they're the
- 12 same offsets, correct, Mr. Means?
- 13 A. Correct. Yes, sir.
- Q. Were Exhibits 1 through 6 in each case prepared
- 15 by you or under your supervision or compiled from
- 16 company business records?
- 17 A. Yes, sir.
- 18 Q. And in your opinion, is the granting of both
- 19 applications in the interest of conservation and the
- 20 prevention of waste?
- 21 A. Yes, sir.
- MR. BRUCE: Mr. Examiner, I'd move the
- 23 admission of Exhibits 1 through 6 in both cases.
- 24 EXAMINER JONES: Exhibits 1 through 6 in
- 25 Case Number 15566 and 15567 are admitted.

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1	(Burnett Oil Co., Inc. Exhibit Numbers 1
2	through 6 are offered and admitted into
3	evidence.)
4	MR. BRUCE: I have no further questions of
5	the witness.
6	EXAMINER JONES: Okay. So Ard is not
7	appearing here under they've not made an appearance
8	in this case; is that correct?
9	MR. BRUCE: No, although Mr. Padilla is
10	lurking behind my back (laughter).
11	EXAMINER JONES: I saw that (laughter).
12	Mr. Padilla okay.
13	MR. PADILLA: I'm not entering an
14	appearance.
15	EXAMINER BROOKS: I have no questions of
16	the witness.
17	CROSS-EXAMINATION
18	BY EXAMINER JONES:
19	Q. So everybody was noticed actual notice?
20	Even the surrounding parties lurking parties were
21	noticed?
22	MR. BRUCE: Yeah. Yup. No continuances
23	here.
24	EXAMINER JONES: No continuances?
25	EXAMINER BROOKS: No parties to be pooled

- 1 except the Ard interest?
- 2 MR. BRUCE: That's correct.
- 3 THE WITNESS: That's correct.
- 4 EXAMINER BROOKS: In both cases?
- 5 THE WITNESS: Correct.
- 6 Q. (BY EXAMINER JONES) And you're assuming COG is
- 7 going to sign according to the JOA; is that correct?
- 8 A. Yes, sir. Yeah. They've indicated -- so we
- 9 drilled, you'll recall. About a year ago, we pulled the
- 10 4 and the 6H, the two wells north. They actually didn't
- 11 participate for their interest in the 4H well, but have
- 12 indicated -- those were actually really good wells. And
- 13 they've indicated they're going to participate in the
- 14 8H, and we're working with them on the surface location
- 15 currently for the 8H well. And we seem -- we're going
- 16 to swap locations, with them in 12 and us in 11. And I
- 17 think we should get that squared away here in the
- 18 next -- not too long.
- 19 Q. How did Burnett come into interest here?
- 20 A. These were leases that were acquired by,
- 21 actually, a predecessor company, R. F. Winfer
- 22 [phonetic]. A guy named Robert Winfer acquired these
- 23 back in the 1950s, and Mr. Winfer was married to a
- 24 Burnett. So that Winfer interest kind of got merged
- 25 into Burnett Oil Company way back when.

- 1 Q. Okay. And since -- since COG's involved at
- 2 least in one well, not the other well?
- 3 A. They don't have an interest in the other well,
- 4 just because they didn't earn anything under the term
- 5 assignment for that 120 acres.
- 6 Q. Okay. And I should ask -- I hate to ask, but I
- 7 should ask. Any vertical division of interests?
- 8 A. No, sir. Not within the -- not within the
- 9 Glorieta-Yeso, no.
- 10 Q. Okay. Thanks.
- 11 A. I say Glorieta-Yeso. Yeah, Yeso. Yeah.
- MR. BRUCE: Just one set of geologic
- 13 exhibits for both cases, Mr. Examiner.
- 14 RAFAEL ZELAYA,
- 15 after having been previously sworn under oath, was
- 16 guestioned and testified as follows:
- 17 DIRECT EXAMINATION
- 18 BY MR. BRUCE:
- 19 Q. Would you please state your name for the
- 20 record?
- 21 A. Rafael Zelaya.
- Q. Where do you reside?
- 23 A. Fort Worth, Texas.
- Q. Who do you work for and in what capacity?
- 25 A. Burnett Oil Company, Inc., and I'm a geological

- 1 manager.
- Q. Have you previously testified before the
- 3 Division?
- 4 A. Yes, sir.
- 5 Q. And were your credentials as an expert
- 6 petroleum geologist accepted as a matter of record?
- 7 A. Yes, sir.
- Q. And are you familiar with the geology involved
- 9 in both applications?
- 10 A. Yes.
- MR. BRUCE: Mr. Examiner, I tender
- 12 Mr. Zelaya as an expert petroleum geologist.
- 13 EXAMINER JONES: He is so qualified.
- Q. (BY MR. BRUCE) Mr. Zelaya, let's go through
- 15 these exhibits. Some of them have the well unit for
- only the 7H well, the northern well of the two wells
- 17 that are proposed, but is the geology the same for both
- 18 wells?
- 19 A. Yes, sir.
- Q. And before we hit up the geology, could you go
- 21 through Exhibits 7 and 8 briefly and discuss what is
- 22 shown in these exhibits?
- 23 A. Yes, sir. Exhibit 7 is just the base map
- 24 showing the unit for the 7H. Although the area is
- 25 relatively flat, there are -- there is a draw that comes

- 1 through the eastern portion of Section 12 and also some
- 2 sand dunes, and that is represented in Exhibit 8.
- 3 O. And there are also some wildlife areas or
- 4 habitats in this area; are there not?
- 5 A. That is correct, yes.
- Q. And as a result, it's not always easy to get
- 7 well locations in this immediate area?
- 8 A. No, sir. It's pretty tricky.
- 9 O. Move on to Exhibit 9. What does that show?
- 10 A. Exhibit 9 is a structure map on the top of the
- 11 Paddock, which is on the top of the Yeso. And as you
- 12 can see, it's relatively flat with a slight dip to the
- 13 southeast.
- 14 Q. And what is Exhibit 10?
- 15 A. Exhibit 10 is a porosity map of the Paddock
- 16 section, greater than 3 percent porosity, and you can
- 17 see from west to east, the porosity thickness ranges
- 18 from 250 feet to about 150 feet.
- 19 Q. Is the Yeso continuous across each of the well
- 20 units?
- 21 A. Yes, sir.
- 22 Q. And from a geologic standpoint, would you
- 23 expect each quarter-quarter section in the well units to
- 24 contribute more or less equally to production?
- 25 A. Yes, sir.

- 1 Q. Are there any faults that would affect the
- 2 drilling of a horizontal well in this area?
- 3 A. No, sir. We have not identified any faults.
- 4 Q. Do you prefer stand-up or lay-down well units
- 5 in this area?
- A. We prefer lay-down units, but in areas where we
- 7 pretty much have to drill a stand-up unit, they're still
- 8 productive. And the offset operator, COG, has drilled
- 9 stand-up units as well.
- 10 O. What is Exhibit 11?
- 11 A. Exhibit 11 is the directional plan that has
- 12 been filed for the 7H, and it shows that the first and
- 13 last take points will be orthodox locations.
- Q. Since the location of the 8H well is not quite
- 15 certain as of yet, there is no directional drilling plan
- 16 for the 8H well; is that correct?
- 17 A. Not currently. We're working on getting that
- 18 put together. Yes, sir.
- 19 Q. Were Exhibits 7 through 11 prepared by you or
- 20 under your supervision or compiled from company business
- 21 records?
- 22 A. Yes, sir.
- Q. And in your opinion, is the granting of these
- 24 applications in the interest of conservation and the
- 25 prevention of waste?

- 1 A. Yes.
- MR. BRUCE: Mr. Examiner, I move the
- 3 admission of Exhibits 7 through 11.
- 4 EXAMINER JONES: Exhibits 7 through 11 are
- 5 admitted in both cases.
- 6 (Burnett Oil Co., Inc. Exhibit Number 7
- 7 through 11 are offered and admitted into
- 8 evidence.)
- 9 MR. BRUCE: And I have no further questions
- 10 for the witness.
- 11 EXAMINER BROOKS: No questions.
- 12 CROSS-EXAMINATION
- 13 BY EXAMINER JONES:
- Q. On Exhibits 9 and 10, Section 12, is that a
- 15 restricted section?
- 16 A. It is not. So the eastern portion is
- 17 restricted because of the COG. That's just our unit
- 18 outline.
- 19 Q. Okay. The well that's shown in red, is that --
- 20 that's the 7H?
- 21 A. Yes, sir. That is the 7H.
- 22 Q. And the 8H would be?
- 23 A. Just south of that, three sections to the
- 24 south.
- 25 Q. Okay. So are we talking Paddock here?

- 1 A. Yes, sir. It's the lower portion of the
- 2 Paddock section.
- 3 Q. How close to the Blinebry is it?
- 4 A. We're about, roughly, 150 feet.
- 5 Q. So you mapped 3 percent. Is that -- is that
- 6 density? Porosity?
- 7 A. It's a combination of both. You know, some of
- 8 these are older logs, but where we have cross-block
- 9 porosity, we like to use that.
- 10 Q. Do you have reasonable control?
- 11 A. Yes, sir.
- 12 Q. Well, you must have sold these to your
- 13 managers, so --
- 14 You can drill these economically and make a
- 15 decent profit?
- 16 A. Yes, sir. We've had great results on the north
- 17 two wells.
- 18 Q. What would be the biggest risk?
- 19 A. Making sure that the completion goes off
- 20 correctly.
- Q. Okay (laughter).
- 22 A. Our geologic risks, I would say, are very
- 23 minimal because the section is so thick. There isn't a
- 24 specific target landing point. We're just landing as
- 25 deep into the section as possible and letting the bit

- 1 kind of work itself updip.
- Q. Okay. And there is no damage due to drilling
- 3 fluids?
- 4 A. Not that we've seen.
- 5 Q. You're able to frac through it anyway?
- 6 A. Yes, sir, about 13 stages.
- 7 Q. 13 stages. Any idea how far they go or how far
- 8 they're propped?
- 9 A. You know, that's an even better question. If
- 10 we could answer that, everybody would -- no, I don't
- 11 have that answer.
- 12 Q. But if you weren't drilling in this depth, the
- 13 bottom, what would be the next possible depth that you
- 14 would --
- 15 A. The Blinebry, which would be the section -- or
- 16 the formation just below it within the Yeso.
- 17 Q. Is it easy to see the top between the Paddock
- 18 and the Blinebry?
- 19 A. You can see the base of the Paddock, the
- 20 porosity, go away. It's pretty definitive.
- Q. So it's anhydrite?
- 22 A. They're interbedded dolomites.
- 23 Q. Okay. Okay. Thanks very much. Appreciate it.
- 24 EXAMINER BROOKS: I did have one question
- 25 after all.

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1	CROSS-EXAMINATION
2	BY EXAMINER BROOKS:
3	Q. You said you prefer to drill lay-downs in this
4	area, but you've drilled stand-ups because, I suppose,
5	the development in the area?
6	A. That's correct. Yes, sir.
7	Q. Why do you prefer to drill lay-downs?
8	A. Just based on the production history from
9	previous wells and what we've seen in the area. The
10	lay-downs tend to perform better, and that may be
11	related to fracturing. But we haven't
12	Q. You don't have a definite theory as to
13	A. We don't have an answer.
14	Q why that's just something you've
15	experienced?
16	A. Yes, sir.
17	Q. That's all I have.
18	EXAMINER JONES: Ready to take these under
19	advisement?
20	MR. BRUCE: Yes, sir.
21	EXAMINER JONES: Okay. Cases 15566 and
22	15567 have been heard and are taken under advisement.

10:46 a.m.)

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(Case Numbers 15566 and 15567 conclude,

25